



MATERIAL SAFETY DATA INDEX

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Date issued 15/03/2007

9200 : BLACK



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9200

CAS No.: Not applicable

Product Name: **METALUX 2** BLACK

EC No.: Not applicable

UN No.: 1263

SOUTH AFRICA

Company Name: Chemical Specialities (Pty) Ltd
Address: 320 South Coast Road
Rossburgh
Durban 4094

Telephone: +27 31 450-8800

Facsimile: +27 31 450-8930

Contact: Group Technical Manager
techservice@chemspec.co.za
www.chemspec.co.za

AUSTRALIA

Chemspec Coating (Pty) Ltd
52-54 Chard Road
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+61 02 9907 1425

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techservice@chemspec.co.za

UNITED STATES OF AMERICA

Montana Products Inc.
9287 Smucker Road
Orrville, Ohio
44667

800-328-4892 (Toll Free)

001 3306693965

techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED

Classification: F Xn R Phrases R11,20/21,65,36,66,67

S Phrases S36/37,02,13,16,26,43A,51,62

Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given

Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.

Skin: Irritating, risk of dermatitis. May be absorbed.

Eyes: Highly irritating.

Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established

May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.

Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention

Eyes: Rinse well with water. Refer to specialist if discomfort persists.

Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.

Containers liable to burst in a fire.

Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Unstable to heat and/or slight reaction with water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9201 : EFFECT ADDITIVE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9201	Product Name: METALUX 2 EFFECT ADDITIVE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,36,66,67 S Phrases S02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	<5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
FORMALDEHYDE	<.2 %	T	50-00-0	605-001-00-5

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: HARMFUL BY CONTACT.
Eyes: Irritating - May cause damage if not given prompt attention.
Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water and seek medical advice if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use as inert - NOT sawdust. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
FORMALDEHYDE	50-00-0	1.5	1.0	2.5	2.0	CL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Avoid direct contact. Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a	
F Xn	-	R Phrases R11,20,36,66,67	S Phrases S02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9203 : JET BLACK



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9203	Product Name: METALUX 2 JET BLACK	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,36,66,67 S Phrases S36/37,02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
2-BUTOXYETHANOL	<12.5 %	Xn	111-76-2	603-014-00-0

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
2-BUTOXYETHANOL	111-76-2	120	25			CL S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Unstable to heat and/or slight reaction with water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,36,66,67	S Phrases S36/37,02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

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Date issued 15/03/2007

9204 : WHITE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9204	Product Name: METALUX 2 WHITE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,36,66,67 S Phrases S02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	<5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: HARMFUL BY CONTACT.
Eyes: Irritating - may cause damage if not give prompt attention.
Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Seek medical advice if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT Sawdust. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Avoid direct contact. Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water.

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a	
F Xn	-	R Phrases R11,20,36,66,67	S Phrases S02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9206 : TINTING BLACK



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9206	Product Name: METALUX 2 TINTING BLACK	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water.

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

9207 : MID BLUE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9207	Product Name: METALUX 2 MID BLUE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water.

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9208 : PINK



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9208	Product Name: METALUX 2 PINK	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water.

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9209 : GREENISH BLUE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9209	Product Name: METALUX 2 GREENISH BLUE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water.

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9210 : REDDISH BLUE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9210	Product Name: METALUX 2 REDDISH BLUE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
 OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
 SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9212 : RED OXIDE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9212	Product Name: METALUX 2 RED OXIDE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,46,51
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,36,66,67	S Phrases S36/37,02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9213 : BLUISH GREEN



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9213	Product Name: METALUX 2 BLUISH GREEN	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,33,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,33,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R33	-	Danger of cumulative effects	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9214 : VIOLET



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9214	Product Name: METALUX 2 VIOLET	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9215 : TRANSPARENT RED



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9215	Product Name: METALUX 2 TRANSPARENT RED	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,65,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
 OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
 SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9216 : YELLOW OXIDE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9216	Product Name: METALUX 2 YELLOW OXIDE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,36,66,67 S Phrases S02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,36,66,67	S Phrases S02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9217 : LIGHT RED



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9217	Product Name: METALUX 2 LIGHT RED	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,65,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

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Date issued 15/03/2007

9218 : CLEAN BLUE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9218	Product Name: METALUX 2 CLEAN BLUE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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9219 : TRANSPARENT YELLOW



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9219	Product Name: METALUX 2 TRANSPARENT YELLOW	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,65,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9220 : RED VIOLET



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9220	Product Name: METALUX 2 RED VIOLET	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

9222 : GREEN



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9222

CAS No.: Not applicable

Product Name: **METALUX 2** GREEN

EC No.: Not applicable

UN No.: 1263

Company Name: SOUTH AFRICA

Address: Chemical Specialities (Pty) Ltd
320 South Coast Road
Rossburgh
Durban 4094

Telephone: +27 31 450-8800

Facsimile: +27 31 450-8930

Contact: Group Technical Manager
techservice@chemspec.co.za
www.chemspec.co.za

AUSTRALIA

Chemspec Coating (Pty) Ltd
52-54 Chard Road
Brookvale, NSW

+61 02 9907 1425

+61 02 9907 1465

techservice@chemspec.co.za

UNITED STATES OF AMERICA

Montana Products Inc.
9287 Smucker Road
Orrville, Ohio
44667

800-328-4892 (Toll Free)

001 3306693965

techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED

Classification: F Xn R Phrases R11,20/21,36,66,67 S Phrases S36/37,02,13,16,26,43A,46,51

Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given

Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.

Skin: Irritating, risk of dermatitis. May be absorbed.

Eyes: Highly irritating.

Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established

May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.

Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention

Eyes: Rinse well with water. Refer to specialist if discomfort persists.

Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.

Containers liable to burst in a fire.

Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9223 : RUBINE RED



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9223	Product Name: METALUX 2 RUBINE RED	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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9227 : TRANSPARENT WHITE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9227	Product Name: METALUX 2 TRANSPARENT WHITE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
FORMALDEHYDE	<.2 %	Xi	50-00-0	605-001-00-5

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
FORMALDEHYDE	50-00-0	1.5	1.0	2.5	2.0	CL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,65,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9229 : OCHRE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9229	Product Name: METALUX 2 OCHRE	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name:	SOUTH AFRICA	AUSTRALIA
Address:	Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	Chemspec Coating (Pty) Ltd 52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		UNITED STATES OF AMERICA Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
 OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
 SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
 All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9230 : MID RED



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9230	Product Name: METALUX 2 MID RED	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,36,66,67 S Phrases S36/37,02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,36,66,67	S Phrases S36/37,02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9231 : UNI ORANGE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9231	Product Name: METALUX 2 UNI ORANGE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F T R Phrases R62, 61,11,20/21,36,66,67	S Phrases S01/02,36/37,13,16,26,43A,45
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	>12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
LEAD CHROME PIGMENT	>5 %	T N	12656-85-8	082-010-00-5

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	1-SERIOUS - Major injury likely unless prompt action taken and treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	HARMFUL BY CONTACT.
Eyes:	Irritating - may cause damage if not given prompt attention.
Ingestion:	Harmful if swallowed. Can affect CNS. Systemic poison.

MAY INDUCE EFFECTS ON REPRODUCTION/FERTILITY CAT1. (EC/CHIP3)
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water and seek medical advice if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes. Potential for spontaneous combustion.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use inert - NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
LEAD CHROME PIGMENT	12656-85-8	.15PB				CL +

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING
Potential for spontaneous combustion
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

MAY INDUCE EFFECTS ON REPRODUCTION/FERTILITY CAT 1. (EC/CHIP3)
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL, LEAD CHROME PIGMENT
F T	-	<i>R Phrases</i> R62,61,11,20/21,36,33,66,67 <i>S Phrases</i> S01/02,36/37,13,16,26,43A,45
R62	-	Possible risk of impaired fertility.
R61	-	May cause harm to the unborn child.
R11	-	Highly flammable
R20/21	-	Harmful by inhalation and contact with the skin
R36	-	Irritating to the eyes
R33	-	Danger of cumulative effects
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
S1/2	-	Keep locked up and out of reach of children. (Retail sales items)
S36/37	-	Wear suitable protective clothing and gloves
S13	-	Keep away from food, drink and animal feeding stuffs
S16	-	Keep away from sources of ignition - No smoking
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S45	-	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)



Flammable



Toxic

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC. POSSIBILITY OF SYSTEMIC EFFECTS - REPRODUCTIVE TOXICITY POTENTIAL WITH ACCUMULATIVE EFFECTS. ENSURE PRECAUTIONS ARE TAKEN.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

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Date issued 15/03/2007

9235 : UMBER



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9235	Product Name: METALUX 2 UMBER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,65,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9236 : UNI YELLOW



Flammable



Toxic



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9236

CAS No.: Not applicable

Product Name: METALUX 2 UNI YELLOW

EC No.: Not applicable

UN No.: 1263

	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW	9287 Smucker Road Orrville, Ohio 44667
Telephone:	+27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile:	+27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED

Classification: F T N R Phrases R40,62, 61,11,20,36,33,66,67

S Phrases S01/02,36/37,13,16,26,43A,45

Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
LEAD CHROME PIGMENT	>10 %	T N	1334-37-2	082-009-00-X
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 1-SERIOUS - Major injury likely unless prompt action taken and treatment given

Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.

Skin: HARMFUL BY CONTACT. Potential Carcinogen. May be absorbed.

Eyes: Irritating - may cause damage if not given prompt attention.

Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

HUMAN CARCINOGEN CAT3. (EC/CHIP3)

May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.

Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention

Eyes: Rinse well with water and seek medical advice if discomfort persists.

Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes. Potential for spontaneous combustion.

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use inert - NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
LEAD CHROME PIGMENT	1334-37-2	.15PB				CL +
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Avoid direct contact. Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING
Potential for spontaneous combustion
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN CARCINOGEN CAT 3. (EC/CHIP3)
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263			
Shipping Name	PAINT or PAINT RELATED MATERIAL			
IMO Class	3.2	IMO Subsid	9	Packing Group
Action Code	127			II
HazChem	3[Y]E			
Kemler Code	30			





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL, LEAD CHROME PIGMENT
F T	-	<i>R Phrases</i> R40,62,61,11,20,36,33,66,67 <i>S Phrases</i> S01/02,36/37,13,16,26,43A,45
R40	-	Limited evidence of a corcinogenic effect.
R62	-	Possible risk of impaired fertility.
R61	-	May cause harm to the unborn child.
R11	-	Highly flammable
R20	-	Harmful by inhalation
R36	-	Irritating to the eyes
R33	-	Danger of cumulative effects
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
S1/2	-	Keep locked up and out of reach of children. (Retail sales items)
S36/37	-	Wear suitable protective clothing and gloves
S13	-	Keep away from food, drink and animal feeding stuffs
S16	-	Keep away from sources of ignition - No smoking
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S45	-	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)



Flammable



Toxic



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC. A POTENTIAL CARCINOGEN. POSSIBILITY OF SYSTEMIC EFFECTS - REPRODUCTIVE TOXICITY POTENTIAL WITH ACCUMULATIVE EFFECTS. ENSURE PRECAUTIONS ARE TAKEN. IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9238 : LEMON



Flammable



Toxic



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9238

CAS No.: Not applicable

Product Name: METALUX 2 LEMON

EC No.: Not applicable

UN No.: 1263

	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW	9287 Smucker Road Orrville, Ohio 44667
Telephone:	+27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile:	+27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED

Classification: F T N R Phrases R40,62, 61,11,20,36,33,66,67

S Phrases S01/02,36/37,13,16,26,43A,45

Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
LEAD CHROME PIGMENT	>10 %	T N	1334-37-2	082-009-00-X
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 1-SERIOUS - Major injury likely unless prompt action taken and treatment given

Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.

Skin: HARMFUL BY CONTACT. Potential Carcinogen. May be absorbed.

Eyes: Irritating - may cause damage if not given prompt attention.

Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

HUMAN CARCINOGEN CAT3. (EC/CHIP3)

May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.

Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention

Eyes: Rinse well with water and seek medical advice if discomfort persists.

Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes. Potential for spontaneous combustion.

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use inert - NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
LEAD CHROME PIGMENT	1334-37-2	.15PB				CL +
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Avoid direct contact. Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING
Potential for spontaneous combustion
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN CARCINOGEN CAT 3. (EC/CHIP3)
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263				
Shipping Name	PAINT or PAINT RELATED MATERIAL				
IMO Class	3.2	IMO Subsid	9	Packing Group	II
Action Code	127				
HazChem	3[Y]E				
Kemler Code	30				





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL, LEAD CHROME PIGMENT	
F T	-	<i>R Phrases</i> R40,62,61,11,20,36,33,66,67	<i>S Phrases</i> S01/02,36/37,13,16,26,43A,45
R40	-	Limited evidence of a corcinogenic effect.	
R62	-	Possible risk of impaired fertility.	
R61	-	May cause harm to the unborn child.	
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R36	-	Irritating to the eyes	
R33	-	Danger of cumulative effects	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S1/2	-	Keep locked up and out of reach of children. (Retail sales items)	
S36/37	-	Wear suitable protective clothing and gloves	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S45	-	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)	



Flammable



Toxic



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC. A POTENTIAL CARCINOGEN. POSSIBILITY OF SYSTEMIC EFFECTS - REPRODUCTIVE TOXICITY POTENTIAL WITH ACCUMULATIVE EFFECTS. ENSURE PRECAUTIONS ARE TAKEN. IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
 OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
 SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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9239 : TRANSPARENT BLUE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9239	Product Name: METALUX 2 TRANSPARENT BLUE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>12.5 %	Xn	1330-20-7	601-022-00-9
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating - may cause damage if not given prompt attention.
Ingestion: Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain& collect. Use an inert - NOT sawdust. Keep out of drains & sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S
N-BUTANOL	71-36-3	150	50	150	50	RL S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE, N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9240 : FAST YELLOW



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9240	Product Name: METALUX 2 FAST YELLOW	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9242 : SCARLET RED



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9242	Product Name: METALUX 2 SCARLET RED	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
FORMALDEHYDE	<.2 %	T	50-00-0	605-001-00-5

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
FORMALDEHYDE	50-00-0	1.5	1.0	2.5	2.0	CL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,65,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

9244 : GRAPHITE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9244	Product Name: METALUX 2 GRAPHITE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Unstable to heat&/or slight reaction with water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9246 : ORANGE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9246	Product Name: METALUX 2 ORANGE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,36,66,67 S Phrases S36/37,02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,36,66,67	S Phrases S36/37,02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

9250 : GOLD



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9250	Product Name: METALUX 2 GOLD	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,36,66,67 S Phrases S36/37,02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,36,66,67	S Phrases S36/37,02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

9251 : BROWN



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9251	Product Name: METALUX 2 BROWN	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name:	SOUTH AFRICA	AUSTRALIA
Address:	Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	Chemspec Coating (Pty) Ltd 52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		UNITED STATES OF AMERICA Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9253 : MAGENTA



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9253	Product Name: METALUX 2 MAGENTA	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,36,66,67 S Phrases S02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

1056-222 : STABILISING CLEAR



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 1056-222	Product Name: METALUX 2 STABILISING CLEAR	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name:	SOUTH AFRICA	AUSTRALIA
Address:	Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	Chemspec Coating (Pty) Ltd 52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		UNITED STATES OF AMERICA Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RLS
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
TOLUENE	108-88-3	188	50	560	150	RL+ S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9202 : MEDIUM SILVER



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9202	Product Name: METALUX 2 MEDIUM SILVER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager	
	techservice@chemspec.co.za	techservice@chemspec.co.za
	www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc.
		9287 Smucker Road
		Orrville, Ohio
		44667
		800-328-4892 (Toll Free)
		001 3306693965

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,15,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Unstable to heat and/or slight reaction with water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,15,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R15	-	Contact with water liberates highly flammable gases	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date of analysis : 15/03/2007)



Date issued 15/03/2007

9205 : BRIGHT SILVER



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9205	Product Name: METALUX 2 BRIGHT SILVER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water.

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
 OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
 SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
 All information is given in good faith but without guarantee in respect of accuracy.
 No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9211 : SPARKLE SILVER



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9211	Product Name: METALUX 2 SPARKLE SILVER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2 Packing Group II
Action Code	127
HazChem	3[Y]E
Kemler Code	30





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9225 : QUARTZ SILVER



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9225	Product Name: METALUX 2 QUARTZ SILVER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	>12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
FORMALDEHYDE	<.2 %	Xi	50-00-0	605-001-00-5

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating - may cause damage if not given prompt attention.
Ingestion:	Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water and seek medical advice if discomfort persists.
Ingestion:	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT sawdust. Keep out of drains & sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
FORMALDEHYDE	50-00-0	1.5	1.0	2.5	72.0	CL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE, N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9228 : BRILLIANT SILVER



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9228	Product Name: METALUX 2 BRILLIANT SILVER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20,65,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

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Date of analysis : 15/03/2007)



Date issued 15/03/2007

9233 : FINE SILVER



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9233	Product Name: METALUX 2 FINE SILVER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,2/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
 OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
 SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
 All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9221 : WHITE PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9221	Product Name: METALUX 2 WHITE PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9224 : BLUE PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9224	Product Name: METALUX 2 BLUE PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2 Packing Group II
Action Code	127
HazChem	3[Y]E
Kemler Code	30





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9226 : RED PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9226	Product Name: METALUX 2 RED PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2 Packing Group II
Action Code	127
HazChem	3[Y]E
Kemler Code	30





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

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Date issued 15/03/2007

9232 : GREEN PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9232	Product Name: METALUX 2 GREEN PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9234 : SATIN WHITE PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9234	Product Name: METALUX 2 SATIN WHITE PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9241 : PLATINUM PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9241	Product Name: METALUX 2 PLATINUM PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9243 : FINE BLUE PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9243	Product Name: METALUX 2 FINE BLUE PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9245 : VIOLET PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9245	Product Name: METALUX 2 VIOLET PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9247 : GOLD PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9247	Product Name: METALUX 2 GOLD PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

9248 : BROWN PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9248	Product Name: METALUX 2 BROWN PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9249 : FINE RED PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9249	Product Name: METALUX 2 FINE RED PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

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Date issued 15/03/2007

9252 : TURQUOISE PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9252	Product Name: METALUX 2 TURQUOISE PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9254 : LILAC PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9254	Product Name: METALUX 2 LILAC PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9237 : CRYSTAL PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9237	Product Name: METALUX 2 CRYSTAL PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9255 : RADIANT RED PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9255	Product Name: METALUX 2 RADIANT RED PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9257 : GALAXY BLUE PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9257	Product Name: METALUX 2 GALAXY BLUE PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9258 : ORANGE COPPER



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9258	Product Name: METALUX 2 ORANGE COPPER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Formaldehyde may be released during curing.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Highly irritating.
Ingestion: Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In severe cases seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse well with water. Refer to specialist if discomfort persists.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2 Packing Group II
Action Code	127
HazChem	3[Y]E
Kemler Code	30





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9259 : RED VIOLET PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9259	Product Name: METALUX 2 RED VIOLET PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
SOLVENT NAPHTHA LIGHT AROM(ARO1)	<10 %	Xn	64742-95-6	649-356-00-4

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
SOLVENT NAPHTHA LIGHT AROM(ARO1)	64742-95-6	1200				RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

No reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9260 : EMERALD GREEN PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9260	Product Name: METALUX 2 EMERALD GREEN PEARL	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
SOLVENT NAPHTHA LIGHT AROM(ARO1)	<10 %	Xn	64742-95-6	649-356-00-4

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
SOLVENT NAPHTHA LIGHT AROM(ARO1)	64742-95-6	1200				RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

No reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9261 : SUNBEAM GOLD



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9261	Product Name: METALUX 2 SUNBEAM GOLD	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
SOLVENT NAPHTHA LIGHT AROM(ARO1)	<10 %	Xn	64742-95-6	649-356-00-4

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
SOLVENT NAPHTHA LIGHT AROM(ARO1)	64742-95-6	1200				RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

No reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30

Packing Group II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9262 : RED BEETLE PEARL



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9262	Product Name: METALUX 2 RED BEETLE PEARL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
SOLVENT NAPHTHA LIGHT AROM(ARO1)	<10 %	Xn	64742-95-6	649-356-00-4

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Formaldehyde may be released during curing.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Highly irritating.
Ingestion:	Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse well with water. Refer to specialist if discomfort persists.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
SOLVENT NAPHTHA LIGHT AROM(ARO1)	64742-95-6	1200				RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Use barrier cream and impervious gloves.

Avoid any form of contact or use personal protection.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

No reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : N-BUTANOL	
F Xn	-	R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9270 : WHITE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9270	Product Name: METALUX 2 WHITE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9271 : BLACK



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9271	Product Name: METALUX 2 BLACK	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,65,38,67 *S Phrases* S36/37,02,13,43A,51,62
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Unstable to heat &/or slight reaction with water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9272 : YELLOW OXIDE



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9272	Product Name: METALUX 2 YELLOW OXIDE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9273 : RED OXIDE



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9273	Product Name: METALUX 2 RED OXIDE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

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Date issued 15/03/2007

9274 : SCARLET CHROME



Toxic



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9274

CAS No.: Not applicable

Product Name: **METALUX 2** SCARLET CHROME

EC No.: Not applicable

UN No.: 1263

	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW	9287 Smucker Road Orrville, Ohio 44667
Telephone:	+27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile:	+27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED

Classification: - T N R Phrases R40,62, 61,10,20/21,65,38,33,66 S Phrases S01/02,36/37,13,43A,45,51,53

Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
LEAD CHROME PIGMENT	>10 %	T N	12656-85-8	082-010-00-5
LEAD CHROME PIGMENT	>10 %	T N	12656-85-8	082-010-00-5

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 1-SERIOUS - Major injury likely unless prompt action taken and treatment given

Inhalation: HARMFUL. Excessive exposure to this material must be avoided.

Skin: Highly irritating. Risk of dermatitis. May be absorbed through intact skin.

Eyes: Highly irritating and risk of irreversible damage.

Ingestion: Harmful. May cause lung damage if swallowed.

HUMAN CARCINOGEN CAT3. (EC/CHIP3)

May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.

Skin: Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.

Eyes: ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor..

Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes. Potential for spontaneous combustion.

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use inert - NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S
LEAD CHROME PIGMENT	12656-85-8	.15PB				CL +
LEAD CHROME PIGMENT	12656-85-8	.15PB				CL +

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

1-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

AVOID CONTACT. Use impervious gloves, apron and boots.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static
Potential for spontaneous combustion
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN CARCINOGEN CAT 3. (EC/CHIP3)
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263			
Shipping Name	PAINT or PAINT RELATED MATERIAL			
IMO Class	3.3	IMO Subsid	9	Packing Group III
Action Code	127			
HazChem	3[Y]			
Kemler Code	30			





SECTION 15. REGULATORY INFORMATION

- EC No.:** - n/a Contains : XYLENE, LEAD CHROME PIGMENT, LEAD CHROME PIGMENT
- T N - *R Phrases* R40,62,61,10,20/21,65,38,33,66 *S Phrases* S01/02,36/37,13,43A,45,51,53
R40 - Limited evidence of a corcinogenic effect.
R62 - Possible risk of impaired fertility.
R61 - May cause harm to the unborn child.
R10 - Flammable
R20/21 - Harmful by inhalation and contact with the skin
R65 - Harmful : May cause lung damage if swallowed.
R38 - Irritating to the skin
R33 - Danger of cumulative effects
R66 - Repeated exposure may cause skin drying or cracking
S1/2 - Keep locked up and out of reach of children. (Retail sales items)
S36/37 - Wear suitable protective clothing and gloves
S13 - Keep away from food, drink and animal feeding stuffs
S43A - In case of fire, use water fog, foam or powder - Do not use water jets!
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)
S51 - Use only in well ventilated areas
- CONTAINS LEAD. Should not be used on surfaces liable to be sucked or chewed by children.



Toxic



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC. A POTENTIAL CARCINOGEN. POSSIBILITY OF SYSTEMIC EFFECTS - REPRODUCTIVE TOXICITY POTENTIAL WITH ACCUMULATIVE EFFECTS. ENSURE PRECAUTIONS ARE TAKEN. IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9275 : BLUE GREEN



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9275	Product Name: METALUX 2 BLUE GREEN	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9276 : BLUE



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9276	Product Name: METALUX 2 BLUE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,65,38,67 *S Phrases* S36/37,02,13,43A,51,62
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

9277 : TINTING BLACK



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9277	Product Name: METALUX 2 TINTING BLACK		
CAS No.: Not applicable	EC No.: Not applicable		UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW	9287 Smucker Road Orrville, Ohio 44667
Telephone:	+27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile:	+27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,65,38,67 *S Phrases* S36/37,02,13,43A,51,62
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Unstable to heat &/or slight reaction with water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

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Date issued 15/03/2007

9278 : RED VIOLET



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9278	Product Name: METALUX 2 RED VIOLET	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,65,38,67 *S Phrases* S36/37,02,13,43A,51,62
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

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Date issued 15/03/2007

9279 : MID CHROME



Toxic



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9279	Product Name: METALUX 2 MID CHROME	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- T N R Phrases R40,62, 61,10,20/21,65,38,33,66	S Phrases S01/02,36/37,13,43A,45,51,53
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
LEAD CHROME PIGMENT	>10 %	T N	1344-37-2	082-009-00-X
LEAD CHROME PIGMENT	>10 %	T N	1344-37-2	082-009-00-X

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	1-SERIOUS - Major injury likely unless prompt action taken and treatment given
Inhalation:	HARMFUL. Excessive exposure to this material must be avoided.
Skin:	Highly irritating. Risk of dermatitis. May be absorbed through intact skin.
Eyes:	Highly irritating and risk of irreversible damage.
Ingestion:	Harmful. May cause lung damage if swallowed.

HUMAN CARCINOGEN CAT3. (EC/CHIP3)
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.
Eyes:	ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor..
Ingestion:	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes. Potential for spontaneous combustion.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use inert - NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S
LEAD CHROME PIGMENT	1344-37-2	.15PB				CL +
LEAD CHROME PIGMENT	1344-37-2	.15PB				CL +

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

1-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

AVOID CONTACT. Use impervious gloves, apron and boots.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static
Potential for spontaneous combustion
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN CARCINOGEN CAT 3. (EC/CHIP3)
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263			
Shipping Name	PAINT or PAINT RELATED MATERIAL			
IMO Class	3.3	IMO Subsid	9	Packing Group III
Action Code	127			
HazChem	3[Y]			
Kemler Code	30			





SECTION 15. REGULATORY INFORMATION

- EC No.:** - n/a Contains : XYLENE, LEAD CHROME PIGMENT, LEAD CHROME PIGMENT
- T N - *R Phrases* R40,62,61,10,20/21,65,38,33,66 *S Phrases* S01/02,36/37,13,43A,45,51,53
R40 - Limited evidence of a carcinogenic effect.
R62 - Possible risk of impaired fertility.
R61 - May cause harm to the unborn child.
R10 - Flammable
R20/21 - Harmful by inhalation and contact with the skin
R65 - Harmful : May cause lung damage if swallowed.
R38 - Irritating to the skin
R33 - Danger of cumulative effects
R66 - Repeated exposure may cause skin drying or cracking
S1/2 - Keep locked up and out of reach of children. (Retail sales items)
S36/37 - Wear suitable protective clothing and gloves
S13 - Keep away from food, drink and animal feeding stuffs
S43A - In case of fire, use water fog, foam or powder - Do not use water jets!
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)
S51 - Use only in well ventilated areas
- CONTAINS LEAD. Should not be used on surfaces liable to be sucked or chewed by children.



Toxic



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC. A POTENTIAL CARCINOGEN. POSSIBILITY OF SYSTEMIC EFFECTS - REPRODUCTIVE TOXICITY POTENTIAL WITH ACCUMULATIVE EFFECTS. ENSURE PRECAUTIONS ARE TAKEN. IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9280 : DARK RED



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9280	Product Name: METALUX 2 DARK RED	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,65,36/38,66,67 *S Phrases* S36/37,02,13,26,43A,51,62
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
2-METHOXY-1-METHYLETHYL ACETATE	>20 %	Xi	108-65-6	607-195-00-7

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: HARMFUL. Excessive exposure to this material must be avoided.
Skin: Highly irritating. Risk of dermatitis. May be absorbed through intact skin.
Eyes: Irritating - may cause damage if not given prompt attention.
Ingestion: Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.
Eyes: Rinse well with water and seek medical advice if discomfort persists.
Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO₂. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S
2-METHOXY-1METHYLETHYL ACETATE	108-65-6					

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

AVOID CONTACT. Use impervious gloves, apron and boots.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE, 2-METHOXY-1-METHYLETHYL ACETATE
- Xn	-	<i>R Phrases</i> R10,20/21,65,36/38,66,67 <i>S Phrases</i> S36/37,02,13,26,43A,51,62
R10	-	Flammable
R20/21	-	Harmful by inhalation and contact with the skin
R65	-	Harmful : May cause lung damage if swallowed.
R36/38	-	Irritating to eyes and skin
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
S36/37	-	Wear suitable protective clothing and gloves
S2	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S51	-	Use only in well ventilated areas
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9281 : LEMON CHROME



Toxic



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9281	Product Name: METALUX 2 LEMON CHROME	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name:	SOUTH AFRICA	AUSTRALIA
Address:	Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	Chemspec Coating (Pty) Ltd 52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		UNITED STATES OF AMERICA Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - T N R Phrases R40,62, 61,10,20/21,65,38,33,66 S Phrases S01/02,36/37,13,43A,45,51,53
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
LEAD CHROME PIGMENT	>10 %	T N	1344-37-2	082-009-00-X

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 1-SERIOUS - Major injury likely unless prompt action taken and treatment given
Inhalation: HARMFUL. Excessive exposure to this material must be avoided.
Skin: Highly irritating. Risk of dermatitis. May be absorbed through intact skin.
Eyes: Highly irritating and risk of irreversible damage.
Ingestion: Harmful. May cause lung damage if swallowed.

HUMAN CARCINOGEN CAT3. (EC/CHIP3)
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.
Eyes: ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor..
Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes. Potential for spontaneous combustion.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use inert - NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S
LEAD CHROME PIGMENT	1344-37-2	.15PB				CL +

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

1-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

AVOID CONTACT. Use impervious gloves, apron and boots.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static
Potential for spontaneous combustion
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN CARCINOGEN CAT 3. (EC/CHIP3)
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263			
Shipping Name	PAINT or PAINT RELATED MATERIAL			
IMO Class	3.3	IMO Subsid	9	Packing Group
Action Code	127			III
HazChem	3[Y]			
Kemler Code	30			





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE, LEAD CHROME PIGMENT	
- T N	-	R Phrases R40,62,61,10,20/21,65,38,33,66	S Phrases S01/02,36/37,13,43A,45,51,53
R40	-	Limited evidence of a corcinogenic effect.	
R62	-	Possible risk of impaired fertility.	
R61	-	May cause harm to the unborn child.	
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R33	-	Danger of cumulative effects	
R66	-	Repeated exposure may cause skin drying or cracking	
S1/2	-	Keep locked up and out of reach of children. (Retail sales items)	
S36/37	-	Wear suitable protective clothing and gloves	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S45	-	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)	
S51	-	Use only in well ventilated areas	
CONTAINS LEAD. Should not be used on surfaces liable to be sucked or chewed by children.			



Toxic



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC. A POTENTIAL CARCINOGEN. POSSIBILITY OF SYSTEMIC EFFECTS - REPRODUCTIVE TOXICITY POTENTIAL WITH ACCUMULATIVE EFFECTS. ENSURE PRECAUTIONS ARE TAKEN. IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9282 : ORANGE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9282	Product Name: METALUX 2 ORANGE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9284 : BRIGHT RED



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9284	Product Name: METALUX 2 BRIGHT RED	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn R Phrases R10,20/21,65,38,43,66,67	S Phrases S36/37,02,13,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
HYDROXYPHENYLBENZOTRIAZ DERIV	>1%	XN N		

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	HARMFUL. Excessive exposure to this material must be avoided.
Skin:	HARMFUL BY CONTACT. Potential sensitiser.
Eyes:	Irritating.
Ingestion:	Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S
HYDROXYPHENYLBENZOTRIAZ DERIV		1.0				S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Avoid direct contact. Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture - See tables in Sections 2 and 8

Skin Sensitiser



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
	Packing Group III
Action Code	127
HazChem	3[Y]
Kemler Code	30





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,43,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R43	-	May cause sensitisation by skin contact	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9285 : CLEAN BLUE



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9285	Product Name: METALUX 2 CLEAN BLUE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9286 : VIOLET



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9286	Product Name: METALUX 2 VIOLET	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,65,38,67 *S Phrases* S36/37,02,13,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	R67 - Vapours may cause drowsiness and dizziness.
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9287 : GREEN YELLOW



Toxic



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9287	Product Name: METALUX 2 GREEN YELLOW	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- T N R Phrases R40,62, 61,10,20/21,65,38,33,66	S Phrases S01/02,36/37,13,43A,45,51,53
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
LEAD CHROME PIGMENT	>10 %	T N	1344-37-2	082-009-00-X

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	1-SERIOUS - Major injury likely unless prompt action taken and treatment given
Inhalation:	HARMFUL. Excessive exposure to this material must be avoided.
Skin:	Highly irritating. Risk of dermatitis. May be absorbed through intact skin.
Eyes:	Highly irritating and risk of irreversible damage.
Ingestion:	Harmful. May cause lung damage if swallowed.

HUMAN CARCINOGEN CAT3. (EC/CHIP3)
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.
Eyes:	ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor..
Ingestion:	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes. Potential for spontaneous combustion.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use inert - NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S
LEAD CHROME PIGMENT	1344-37-2	.15PB				CL +

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

1-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

AVOID CONTACT. Use impervious gloves, apron and boots.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static
Potential for spontaneous combustion
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN CARCINOGEN CAT 3. (EC/CHIP3)
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263				
Shipping Name	PAINT or PAINT RELATED MATERIAL				
IMO Class	3.3	IMO Subsid	9	Packing Group	III
Action Code	127				
HazChem	3[Y]				
Kemler Code	30				





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE, LEAD CHROME PIGMENT	
- T N	-	R Phrases R40,62,61,10,20/21,65,38,33,66	S Phrases S01/02,36/37,13,43A,45,51,53
R40	-	Limited evidence of a corcinogenic effect.	
R62	-	Possible risk of impaired fertility.	
R61	-	May cause harm to the unborn child.	
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R33	-	Danger of cumulative effects	
R66	-	Repeated exposure may cause skin drying or cracking	
S1/2	-	Keep locked up and out of reach of children. (Retail sales items)	
S36/37	-	Wear suitable protective clothing and gloves	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S45	-	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)	
S51	-	Use only in well ventilated areas	
S53	-	Avoid exposure - obtain special instruction before use	



Toxic



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC. A POTENTIAL CARCINOGEN. POSSIBILITY OF SYSTEMIC EFFECTS - REPRODUCTIVE TOXICITY POTENTIAL WITH ACCUMULATIVE EFFECTS. ENSURE PRECAUTIONS ARE TAKEN. IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9288 : FAST YELLOW



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9288	Product Name: METALUX 2 FAST YELLOW	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9289 : OCHRE



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9289	Product Name: METALUX 2 OCHRE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager	
	techservice@chemspec.co.za	techservice@chemspec.co.za
	www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc.
		9287 Smucker Road
		Orrville, Ohio
		44667
		800-328-4892 (Toll Free)
		001 3306693965

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date of analysis : 15/03/2007)



Date issued 15/03/2007

9290 : REDDISH BLUE



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9290	Product Name: METALUX 2 REDDISH BLUE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9291 : SCARLET



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9291	Product Name: METALUX 2 SCARLET	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9292 : YELLOW GREEN



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9292	Product Name: METALUX 2 YELLOW GREEN	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

9293 : PINK



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9293	Product Name: METALUX 2 PINK	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful : May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

8751-222 : 2K HF CLEARCOAT



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8751-222	Product Name: METALUX 2 2K HF CLEARCOAT	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,36/38,67	<i>S Phrases</i> S36/37,02,13,26,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes:	Rinse immediately with plenty of water. Seek medical advice..
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,36/38,67	S Phrases S36/37,02,13,26,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed.	
R36/38	-	Irritating to eyes and skin	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9090-222 : 2K MS CLEARCOAT



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9090-222	Product Name: METALUX 2 2K MS CLEARCOAT	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name: SOUTH AFRICA Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	AUSTRALIA Chemspec Coating (Pty) Ltd 52-54 Chard Road Brookvale, NSW	UNITED STATES OF AMERICA Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
Telephone: +27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile: +27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact: Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn R Phrases R10,20/21,43,66,67 S Phrases S36/37,02,13,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>12.5 %	Xn	1330-20-7	601-022-00-9
HYDROXYPHENYLBENZOTRIAZ DERIV	>1 %	XN N		
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1
ETHYL-3-ETHOXYPROPIONATE	: %		000763-69-9	

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: HARMFUL. Excessive exposure to this material must be avoided.
Skin: HARMFUL BY CONTACT. Potential sensitiser.
Eyes: Irritating.
Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove
Skin sensitiser.

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth out with plenty of water. Do NOT induce vomiting. Seek medical advice..

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+S
HYDROXYPHENYLBENZOTRIAZ DERIV		1.0				S
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL
ETHYL-3-ETHOXYPROPIONATE	000763-69-9		50		100	

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Avoid direct contact. Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8

Skin sensitiser



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,43,66,67	S Phrases S36/37,02,13,43A,46,51
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with skin	
R43	-	May cause sensitisation by skin contact	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

1155-222 : BASECOAT THINNERS



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 1155-222	Product Name: METALUX 2 BASECOAT THINNERS	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,65,38,66,67 *S Phrases* S36/37,02,13,43A,51,62
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
N-BUTANOL	<5 %	Xn	71-36-3	603-004-00-6
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

1159-222 : 2K THINNERS NORMAL



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 1159-222	Product Name: METALUX 2 2K THINNERS NORMAL	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

1171-222 : 2K THINNERS SLOW



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 1171-222	Product Name: METALUX 2 2K THINNERS SLOW	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,65,36/38 *S Phrases* S36/37,02,13,26,43A,51,62
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
2-METHOXY-1-METHYLETHYL ACETATE	>20 %	Xi	108-65-6	607-195-00-7

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.
Eyes: Rinse well with water and seek medical advice if discomfort persists.
Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6					

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

AVOID CONTACT. Use impervious gloves, apron and boots.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE, 2-METHOXY-1-METHYLETHYL ACETATE
- Xn	-	<i>R Phrases</i> R10,20/21,65,36/38 <i>S Phrases</i> S36/37,02,13,43A,51,62
R10	-	Flammable
R20/21	-	Harmful by inhalation and contact with the skin
R65	-	Harmful: May cause lung damage if swallowed.
R36/38	-	Irritating to eyes and skin
S36/37	-	Wear suitable protective clothing and gloves
S2	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S51	-	Use only in well ventilated areas
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

1174-222 : SUPER BLEND THINNERS



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 1174-222	Product Name: METALUX 2 SUPER BLEND THINNERS	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,36,66,67	S Phrases S36/37,02,13,16,26,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	>12.5 %	F Xn	108-88-3	601-021-00-3
2-METHOXY-1-METHYLETHYL ACETATE	>20 %	Xi	108-65-6	607-195-00-7
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	HARMFUL. Excessive exposure to this material must be avoided.
Skin:	HARMFUL BY CONTACT.
Eyes:	Irritating - may cause damage if not given prompt attention.
Ingestion:	Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes:	Rinse well with water and seek medical advice if discomfort persists.
Ingestion:	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
TOLUENE	108-88-3	188	50	560	150	RL+ S
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6					
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Avoid direct contact. Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE, TOLUENE, 2-METHOXY-1-METHYLETHYL ACETATE
- Xn	-	<i>R Phrases</i> R11,20/21,65,36,66,67 <i>S Phrases</i> S36/37,02,13,16,26,43A,51,62
R11	-	Highly flammable
R20/21	-	Harmful by inhalation and contact with the skin
R65	-	Harmful: May cause lung damage if swallowed.
R36	-	Irritating to the eyes
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
S36/37	-	Wear suitable protective clothing and gloves
S2	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S16	-	Keep away from sources of ignition - No smoking
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S51	-	Use only in well ventilated areas
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

1177-222 : 2K THINNERS FAST



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 1177-222	Product Name: METALUX 2 2K THINNERS FAST	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
TOLUENE	>12.5 %	F Xn	108-88-3	601-021-00-3
ETHYL ACETATE	>20 %	F Xi	141-78-6	607-022-00-5
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: HARMFUL BY CONTACT.
Eyes: Irritating.
Ingestion: Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes: Rinse well with plenty of water. Seek medical advice.
Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
TOLUENE	108-88-3	188	50	560	150	RL+ S
ETHYL ACETATE	141-78-6	1400	400			RL
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Avoid direct contact. Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : TOLUENE, ETHYL ACETATE	
- Xn	-	R Phrases R11,20,65,36,66,67	S Phrases S02,13,16,26,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful: May cause lung damage if swallowed.	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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8750-222 : 2K HARDENER FAST



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8750-222	Product Name: METALUX 2 2K HARDENER FAST	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20/21,65,38,66,67	S Phrases S36/37,02,13,16,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
BUTANONE	<20 %	F Xi	78-93-3	606-002-00-3
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention immediately.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
BUTANONE	78-93-3	590.	200.	885	300	RL +
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
F Xn	-	R Phrases R11,20/21,65,38,66,67	S Phrases S36/37,02,13,16,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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8767-222 : 2K HARDENER MEDIUM



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8767-222	Product Name: METALUX 2 2K HARDENER MEDIUM	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
SOLVENT NAPHTHA LIGHT AROM (ARO1)	>10 %	Xn	64742-95-6	649-356-00-4
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
Skin:	Highly irritating. Risk of dermatitis. May be absorbed through intact skin.
Eyes:	Highly irritating and risk of irreversible damage.
Ingestion:	Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention immediately.
Skin:	Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor.
Eyes:	ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor.
Ingestion:	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
SOLVENT NAPHTHA LIGHT AROM (ARO1)	64742-95-6	1200				RL
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

AVOID CONTACT. Use impervious gloves, apron and boots.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE, SOLVENT NAPHTHA LIGHT AROM (ARO1)
- Xn	-	<i>R Phrases</i> R10,20/21,65,38,66,67 <i>S Phrases</i> S36/37,02,13,43A,51,62
R10	-	Flammable
R20/21	-	Harmful by inhalation and contact with the skin
R65	-	Harmful: May cause lung damage if swallowed.
R38	-	Irritating to the skin
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
S36/37	-	Wear suitable protective clothing and gloves
S2	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S51	-	Use only in well ventilated areas
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9072-222 : 2K HARDENER SLOW



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9072-222	Product Name: METALUX 2 2K HARDENER SLOW	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,20/21,66,67 *S Phrases* S36/37,02,13,43A,46,51
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
2-BUTOXY ETHYL ACETATE	>20 %	Xn	112-07-2	607-038-00-2
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1
n-BUTYLACETATE	: %		123-06-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
Skin: HARMFUL BY CONTACT. Maybe absorbed.
Eyes: Irritating.
Ingestion: Irritating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention immediately.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire.
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
2-BUTOXY ETHYL ACETATE	112-07-2					
XYLENE	1330-20-7	435	100	650.	150.	RL+S
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL
n-BUTYLACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Avoid direct contact. Use barrier cream and impervious gloves.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30

Packing Group III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : 2-BUTOXY ETHYLACETATE
- Xn	-	<i>R Phrases</i> R10,20/21,66,67 <i>S Phrases</i> S36/37,02,13,43A,46,51
R10	-	Flammable
R20/21	-	Harmful by inhalation and contact with the skin
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
S36/37	-	Wear suitable protective clothing and gloves
S2	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S46	-	If swallowed seek medical advice immediately and show this container or label.
S51	-	Use only in well ventilated areas



Harmful

SECTION 16. OTHER INFORMATION

ALERT WORKERS TO THIS HAZARDOUS POTENTIAL AND ENSURE PRECAUTIONS ARE TAKEN.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

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Date issued 15/03/2007

9335-222 : 2K HARDENER EXPRESS



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9335-222	Product Name: METALUX 2 2K HARDENER EXPRESS	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name: <u>SOUTH AFRICA</u> Chemical Specialities (Pty) Ltd Address: 320 South Coast Road Rossburgh Durban 4094 Telephone: +27 31 450-8800 Facsimile: +27 31 450-8930 Contact: Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	<u>AUSTRALIA</u> Chemspec Coating (Pty) Ltd 52-54 Chard Road Brookvale, NSW +61 02 9907 1425 +61 02 9907 1465 techservice@chemspec.co.za	<u>UNITED STATES OF AMERICA</u> Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20/21,65,38,66,67 S Phrases S36/37,02,13,16,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
BUTANONE	<20 %	F Xi	78-93-3	606-002-00-3
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1
ETHYL-3-ETHOXYPROPIONATE	: %		000763-69-9	

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of any discomfort seek medical attention immediately.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
BUTANONE	78-93-3	590.	200.	885	300	RL +
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL
ETHYL-3-ETHOXYPROPIONATE	000763-69-9		50		100	

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
F Xn	-	R Phrases R11,20/21,65,38,66,67	S Phrases S36/37,02,13,16,43A,51,62
R11	-	Highly flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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9082-222 : 2K MS HARDENER ULTRA FAST



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9082-222	Product Name: METALUX 2 2K MS HARDENER ULTRA FAST	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	F Xn R Phrases R11,20,36,66,67	S Phrases S02,13,16,26,43A,46,51
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
BUTANONE	>20 %	F Xi	78-93-3	606-002-00-3
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
Skin:	Irritating. Risk of dermatitis.
Eyes:	Irritating.
Ingestion:	Irritating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention immediately.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
BUTANONE	78-93-3	590.	200.	885	300	RL+
XYLENE	1330-20-7	435	100	650.	150.	RL+S
TOLUENE	108-88-3	188	50	560	150	RL+S
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : BUTANONE	
F Xn	-	R Phrases R11,20,36,66,67	S Phrases S02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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Date issued 15/03/2007

9091-222 : 2K MS HARDENER FAST



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9091-222	Product Name: METALUX 2 2K MS HARDENER FAST	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,36,66,67 S Phrases S02,13,16,26,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
BUTANONE	>20 %	F Xi	78-93-3	606-002-00-3
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
Skin: Irritating. Risk of dermatitis.
Eyes: Irritating.
Ingestion: Irritating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention immediately.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
BUTANONE	78-93-3	590.	200.	885	300	RL+
XYLENE	1330-20-7	435	100	650.	150.	RL+S
TOLUENE	108-88-3	188	50	560	150	RL+S
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.2	Packing Group	II
Action Code	127		
HazChem	3[Y]E		
Kemler Code	30		





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : BUTANONE	
F Xn	-	R Phrases R11,20,36,66,67	S Phrases S02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R36	-	Irritating to the eyes	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

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Date issued 15/03/2007

9092-222 : 2K MS HARDENER MEDIUM



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9092-222	Product Name: METALUX 2 2K MS HARDENER MEDIUM	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name: <u>SOUTH AFRICA</u> Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	<u>AUSTRALIA</u> Chemspec Coating (Pty) Ltd 52-54 Chard Road Brookvale, NSW	<u>UNITED STATES OF AMERICA</u> Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
Telephone: +27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile: +27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact: Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,66,67 S Phrases S02,13,16,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
BUTANONE	<20 %	F Xi	78-93-3	606-002-00-3
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1
ETHYL-3-ETHOXYPROPIONATE	: %		000763-69-9	

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
Skin: HARMFUL BY CONTACT.
Eyes: Highly irritating and risk of irreversible damage.
Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention immediately.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: ACT FAST! Rinse immediately with plenty of water. Refer immediately to doctor.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT sawdust. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+S
BUTANONE	78-93-3	590.	200.	885	300	RL +
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL
ETHYL-3-ETHOXYPROPIONATE	000763-69-9		50		100	

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Avoid direct contact. Use barrier cream and impervious gloves.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2 Packing Group II
Action Code	127
HazChem	3[Y]E
Kemler Code	30





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a	
F Xn	-	R Phrases R11,20,66,67	S Phrases S02,13,16,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

CONTAINS ISOCYANATE - POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.
PAY SPECIAL ATTENTION TO STORAGE AND HANDLING REQUIREMENTS.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9093-222 : 2K MS HARDENER SLOW



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9093-222	Product Name: METALUX 2 2K MS HARDENER SLOW	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name: <u>SOUTH AFRICA</u> Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	Company Name: <u>AUSTRALIA</u> Chemspec Coating (Pty) Ltd 52-54 Chard Road Brookvale, NSW	Company Name: <u>UNITED STATES OF AMERICA</u> Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
Telephone: +27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile: +27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact: Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,20,66,67 S Phrases S02,13,16,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
BUTANONE	<20 %	F Xi	78-93-3	606-002-00-3
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1
ETHYL-3-ETHOXYPROPIONATE	: %		000763-69-9	

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
Skin: HARMFUL BY CONTACT.
Eyes: Highly irritating and risk of irreversible damage.
Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention immediately.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: ACT FAST! Rinse immediately with plenty of water. Refer immediately to doctor.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT sawdust. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+S
BUTANONE	78-93-3	590.	200.	885	300	RL +
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL
ETHYL-3-ETHOXYPROPIONATE	000763-69-9		50		100	

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Avoid direct contact. Use barrier cream and impervious gloves.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a	
F Xn	-	R Phrases R11,20,66,67	S Phrases S02,13,16,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

CONTAINS ISOCYANATE - POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.
PAY SPECIAL ATTENTION TO STORAGE AND HANDLING REQUIREMENTS.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

8786-222 : ETCH FILLER PRIMER



Flammable



Toxic



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8786-222

CAS No.: Not applicable

Product Name: **METALUX 2** ETCH FILLER PRIMER

EC No.: Not applicable

UN No.: 1263

Company Name: **SOUTH AFRICA**
Chemical Specialities (Pty) Ltd
320 South Coast Road
Rossburgh
Durban 4094

Telephone: +27 31 450-8800

Facsimile: +27 31 450-8930

Contact: Group Technical Manager
techservice@chemspec.co.za
www.chemspec.co.za

AUSTRALIA
Chemspec Coating (Pty) Ltd
52-54 Chard Road
Brookvale, NSW

+61 02 9907 1425

+61 02 9907 1465

techservice@chemspec.co.za

UNITED STATES OF AMERICA
Montana Products Inc.
9287 Smucker Road
Orrville, Ohio
44667
800-328-4892 (Toll Free)
001 3306693965

techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED

Classification: F T N R Phrases R45,11,22,41,43,66,67,50/53

S Phrases S01/02,36/37/39,13,16,26,43A

Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
PROPYL ALCOHOL N & 1-OL	>10 %	F Xi	71-23-8	603-003-00-0
SOLVENT NAPHTHA LIGHT AROM (ARO1)	>10 %	Xn	64742-95-6	649-356-00-4
ZINC CHROMATE PIGMENT incl Zn Pot.carc1	>5%	T N		024-007-00-3
4-METHYLPENTAN-4-ONE	<20%	F Xi	108-10-1	606-004-00-4

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 1-SERIOUS - major injury likely unless prompt action taken and treatment given

Inhalation: Irritating.

Skin: HARMFUL BY CONTACT. Potential Carcinogen. May be absorbed.

Eyes: Highly irritating and risk of irreversible damage.

Ingestion: Toxic.

HUMAN CARCINOGEN CAT 1. (EC/CHIP3)

May have short term environmental effects. Contain, monitor & remove

Skin Sensitiser

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air.

Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention

Eyes: ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor.

Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Refer immediately to Doctor.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes. Potential for spontaneous combustion.

Containers liable to burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use inert NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
PROPYL ALCOHOL N & 1-OL	71-23-8	500.	1200.	625	250	RL S
SOLVENT NAPHTHA LIGHT AROM (ARO1)	64742-95-6	1200				RL
ZINC CHROMATE PIGMENT incl Zn Pot.carc1		.05CR				CL +
4-METHYLPENTAN-4-ONE	108-10-1	205	50	300	75	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

1-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

Avoid direct contact. Use barrier cream and impervious gloves.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8

Skin Sensitiser



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static
Potential for spontaneous combustion
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN CARCINOGEN CAT 1. (EC/CHIP3)
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove
Contains Chromate

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors - potential for spontaneous combustion. Care with used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263				
Shipping Name	PAINT or PAINT RELATED MATERIAL				
IMO Class	3.2	IMO Subsid	9	Packing Group	II
Action Code	127				
HazChem	3[Y]E				
Kemler Code	30				





SECTION 15. REGULATORY INFORMATION

- EC No.:** - n/a Contains : PROPYL ALCOHOL N & 1-OL, SOLVENT NAPHTHA LIGHT AROM (ARO1), ZINC CHROMATE PIGMENT incl Zn Pot.carc1
- F T N** - *R Phrases* R45,11,22,41,43,66,67,50/53 *S Phrases* S01/02,36/37/39,13,16,26,43A
- R45** - May cause cancer
- R11** - Highly Flammable
- R22** - Harmful if swallowed
- R41** - Risk of serious damage to eyes
- R43** - May cause sensitisation by skin contact
- R66** - Repeated exposure may cause skin drying or cracking
- R67** - Vapours may cause drowsiness and dizziness.
- R50/53** - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S1/2** - Keep locked up and out of reach of children. (Retail sales items)
- S36/37/39** - Wear suitable protective clothing, gloves and eye/face protection
- S13** - Keep away from food, drink and animal feeding stuffs
- S16** - Keep away from sources of ignition - No smoking
- S26** - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S43A** - In case of fire, use water fog, foam or powder - Do not use water jets!
- Contains Zinc Chromate



Flammable



Toxic



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC. A POTENTIAL CARCINOGEN. A POTENTIAL SENSITISER.
ENSURE PRECAUTIONS ARE TAKEN.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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8787-222 : ACTIVATOR FOR ETCH PRIMER



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8787-222	Product Name: METALUX 2 ACTIVATOR FOR ETCH PRIMER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 2924
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: FLAMMABLE LIQUID, CORRO
Classification: F Xn R Phrases R40,11,20/21/22,66,67 S Phrases S36/37,02,13,16,43A,46,51
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
METHANOL	>3 %	F T	67-56-1	603-001-00-X
ETHYL ALCOHOL	: %	F	64-17-5	603-002-00-5
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1
ORTHO-PHOSPHORIC ACID-CONC	>10 %	C	7664-38-2	015-011-00-6

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic. Can affect CNS.
Skin: Irritating, risk of dermatitis. May be absorbed.
Eyes: Irritating.
Ingestion: Toxic.

HUMAN CARCINOGEN CAT 3. (EC/CHIP3)
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Induce vomiting if patient is conscious. Refer immediately to Doctor.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Can form explosive air mixture. Containers can explode in a fire.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers with water spray in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Ensure earthing is used
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
METHANOL	67-56-1	260	200	310	250	RL +S
ETHYL ALCOHOL	64-17-5	1900	1000.			RL
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL
ORTHO-PHOSPHORIC ACID-CONC	7664-38-2			2		RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

2-H-E PPE : Respirator and Eye protection.

Skin:

In case of insufficient ventilation, use suitable respiratory protection.

Eyes:

Use barrier cream and impervious gloves.

Ingestion:

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
pH:	<6	Boiling Point:	>35°C (derived)
Flash Point:	<23°C (derived)	Water Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

HUMAN CARCINOGEN CAT 3. (EC/CHIP3)
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	2924				
Shipping Name	FLAMMABLE LIQUID, CORROSIVE, N.O.S.				
	Contains Methanol AND Ortho-phosphoric acid - conc				
IMO Class	3.2	IMO Subsid	8	Packing Group	II
Action Code	153				
HazChem	3WE				
Kemler Code	38				





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : METHANOL	
F Xn	-	R Phrases R40,11,20/21/22,66,67	S Phrases S36/37,02,13,16,43A,46,51
R40	-	Limited evidence of a corcinogenic effect.	
R11	-	Highly flammable	
R20/21/22	-	Harmful by inhalation, in contact with the skin and if swallowed	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S02	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

ALERT WORKERS TO THIS HAZARD POTENTIAL AND ENSURE PRECAUTIONS ARE TAKEN.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

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Date issued 15/03/2007

8797-222 : 2K TINTING FILLER PRIMER



Flammable



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8797-222
CAS No.: Not applicable

Product Name: **METALUX 2** 2K TINTING FILLER PRIMER
EC No.: Not applicable **UN No.:** 1263

	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW	9287 Smucker Road Orrville, Ohio 44667
Telephone:	+27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile:	+27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F N R Phrases R11,66,67,50/53 S Phrases S16,43A,51,56,59
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
ZINC (ORTHO) PHOSPHATE	>2.5 %	N	7779-90-0	o
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 3-SLIGHT - Irritation or minor reversible injury possible
Inhalation: Excessive exposure must be avoided. Treat as nuisance dust.
Skin: Excessive contact can be detrimental to health.
Eyes: Particulates may scratch eye or cause mechanical irritation.
Ingestion: No direct hazard expected but exercise caution.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air until dust subsides.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Get medical attention if discomfort persists.
Ingestion: Seek medical advice in case of discomfort.

SECTION 5. FIRE FIGHTING MEASURES

Highly Flammable with toxic fumes.
No direct explosion hazard expected.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect.



SECTION 7. HANDLING AND STORAGE

Inert substance with no special requirements for hazard containment.
No open flames. No smoking. No sparks.

Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
ZINC (ORTHO) PHOSPHATE	7779-90-0	10/4				T/R
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

3-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Minimal hazard. No problems contemplated in disposal. Exercise caution when disposing of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263				
Shipping Name	PAINT or PAINT RELATED MATERIAL				
IMO Class	3.2	IMO Subsid	9	Packing Group	II
Action Code	127				
HazChem	3[Y]E				
Kemler Code	30				





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains :
F N	-	<i>R Phrases</i> R11,66,67,50/53 <i>S Phrases</i> S16,43A,51,56,59
R11	-	Highly flammable
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
R50/53	-	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S16	-	Keep away from sources of ignition - No soking
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S51	-	Use only in well ventilated areas
S56	-	Do not discharge into drains or the environment, dispose to an authorised waste collection point
S59	-	Refer to manufacturer/supplier for information on recovery/recycling



Flammable



Environment

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

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Date issued 15/03/2007

8823-222 : 1K ETCH FILLER PRIMER



Flammable



Irritant



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8823-222
CAS No.: Not applicable

Product Name: **METALUX 2** 1K ETCH FILLER PRIMER
EC No.: Not applicable

UN No.: 1263

	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW	9287 Smucker Road Orrville, Ohio 44667
Telephone:	+27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile:	+27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xi N R Phrases R11,41,66,67,50/53 S Phrases S02,13,16,26,39,43A,46,51,56,59
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
PROPYL ALCOHOL N & 1-OL	>10 %	F Xi	71-23-8	603-003-00-0
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
ZINC (ORTHO) PHOSPHATE	>2.5 %	N	7779-90-0	o
TOLUENE	<12.5%	F Xn	108-88-3	601-021-00-3

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating.
Skin: Irritating, risk of dermatitis.
Eyes: Irritating.
Ingestion: Irritating and nauseating. Can effect CNS.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert NOT sawdust. Keep waste separate for disposal.



SECTION 7. HANDLING AND STORAGE

ACIDIC - CORROSIVE. Keep out of contact with metals & reactive substances. Store only in original containers
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
PROPYL ALCOHOL N & 1-OL	71-23-8	500.	200.	625	250	RL S
N-BUTANOL	71-36-3	150	50	150	50	RL S
ZINC (ORTHO) PHOSPHATE	7779-90-0	10/4				T/R
TOLUENE	108-88-3	188	50	560	150	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
pH:	<6	Boiling Point:	>35°C (derived)
Flash Point:	<23°C (derived)	Water Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263				
Shipping Name	PAINT or PAINT RELATED MATERIAL				
IMO Class	3.2	IMO Subsid	9	Packing Group	II
Action Code	127				
HazChem	3[Y]E				
Kemler Code	30				





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : PROPYL ALCOHOL N & 1OL, N-BUTANOL
F Xi N	-	<i>R Phrases</i> R11,41,66,67,50/53 <i>S Phrases</i> S02,13,16,26,39,43A,51,56,59
R11	-	Highly flammable
R41	-	Risk of serious damage to eyes
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
R50/53	-	Very toxic aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S2	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S16	-	Keep away from sources of ignition - No smoking
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S39	-	Wear eye/face protection
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S46	-	If swallowed seek medical advice immediately and show this container or label
S51	-	Use only in well ventilated areas
S56	-	Do not discharge into drains or the environment, dispose to an authorised waste collection point
S59	-	Refer to manufacturer/supplier for information on recovery/recycling



Flammable



Irritant



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

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Date issued 15/03/2007

8852-222 : 1K GREY SPOT PRIMER



Flammable



Irritant



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8852-222
CAS No.: Not applicable

Product Name: **METALUX 2** 1K GREY SPOT PRIMER
EC No.: Not applicable

UN No.: 1263

	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW	9287 Smucker Road Orrville, Ohio 44667
Telephone:	+27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile:	+27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xi R Phrases R11,41,66,67,50/53 S Phrases S02,13,16,26,39,43A,46,51,56,59
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XPROPYL ALCOHOL N & 1-OL	>10 %	F Xi	71-23-8	603-003-00-0
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
ZINC (ORTHO) PHOSPHATE	>2.5 %	N	7779-90-0	o
TOLUENE	>12.5 %	F Xn	108-88-3	601-021-00-3

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating.
Skin: Irritating, risk of dermatitis.
Eyes: Irritating.
Ingestion: Irritating nauseating - can affect CNS.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice..

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers liable to burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an Inert NOT sawdust. Keep waste separate for disposal.



SECTION 7. HANDLING AND STORAGE

Store only in designated places.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XPROPYL ALCOHOL N & 1-OL	71-23-8	500.	200.	625	250	RL S
N-BUTANOL	71-36-3	150	50	150	50	RL S
ZINC (ORTHO) PHOSPHATE	7779-90-0	10/4				T/R
TOLUENE	108-88-3	188	150	560	150	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263				
Shipping Name	PAINT or PAINT RELATED MATERIAL				
IMO Class	3.2	IMO Subsid	9	Packing Group	II
Action Code	127				
HazChem	3[Y]E				
Kemler Code	30				





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : PROPYL ALCOHOL N & 1-OL, N-BUTANOL
F Xi N	-	<i>R Phrases</i> R11,41,66,67,50/53 <i>S Phrases</i> S02,13,16,26,39,43A,51,56,59
R11	-	hHighly Flammable
R41	-	Risk of serious damage to eyes
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
R50/53	-	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S2	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S16	-	Keep away from sources of ignition - No smoking
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S39	-	Wear eye/face protection
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S46	-	If swallowed seek medical advice immediately and show this container or label
S51	-	Use only in well ventilated areas
S56	-	Do not discharge into drains or the environment, dispose to an authorised collection point
S59	-	Refer to manufacturer/supplier for information on recovery/recycling



Flammable



Irritant



Environment

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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Date issued 15/03/2007

9334-222 : HS 2K BEIGE FILLER PRIMER



Flammable



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9334-222		Product Name: METALUX 2 HS 2K BEIGE FILLER PRIMER	
CAS No.: Not applicable		EC No.: Not applicable	
		UN No.: 1263	
<u>SOUTH AFRICA</u>		<u>AUSTRALIA</u>	
Company Name:	Chemical Specialities (Pty) Ltd	Company Name:	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	Address:	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	Telephone:	+61 02 9907 1425
Facsimile:	+27 31 450-8930	Facsimile:	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	Contact:	techservice@chemspec.co.za
<u>UNITED STATES OF AMERICA</u>			
Company Name:		Company Name:	Montana Products Inc.
Address:		Address:	9287 Smucker Road Orrville, Ohio 44667
Telephone:		Telephone:	800-328-4892 (Toll Free)
Facsimile:		Facsimile:	001 3306693965
Contact:		Contact:	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F N R Phrases R11,66,67,50/53 S Phrases S16,43A,51,56,59
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
ZINC (ORTHO) PHOSPHATE	>2.5 %	N	7779-90-0	o
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 3-SLIGHT - Irritation or minor reversible injury possible
Inhalation: Excessive exposure must be avoided. Treat as nuisance dust.
Skin: Excessive contact can be detrimental to health.
Eyes: Particulates may scratch eye or cause mechanical irritation.
Ingestion: No direct hazard expected but exercise caution.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air until dust subsides.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Get medical attention if discomfort persists.
Ingestion: Seek medical advice in case of discomfort.

SECTION 5. FIRE FIGHTING MEASURES

Highly Flammable with toxic fumes.
No direct explosion hazard expected.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect.



SECTION 7. HANDLING AND STORAGE

Inert substance with no special requirements for hazard containment.
No open flames. No smoking. No sparks.

Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
ZINC (ORTHO) PHOSPHATE	7779-90-0	10/4				T/R
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

3-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Minimal hazard. No problems contemplated in disposal. Exercise caution when disposing of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263				
Shipping Name	PAINT or PAINT RELATED MATERIAL				
IMO Class	3.3	IMO Subsid	9	Packing Group	III
Action Code	127				
HazChem	3[Y]				
Kemler Code	30				





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains :
F N	-	<i>R Phrases</i> R11,66,67,50/53 <i>S Phrases</i> S16,43A,51,56,59
R11	-	Highly flammable
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
R50/53	-	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S16	-	Keep away from sources of ignition - No soking
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S51	-	Use only in well ventilated areas
S56	-	Do not discharge into drains or the environment, dispose to an authorised waste collection point
S59	-	Refer to manufacturer/supplier for information on recovery/recycling



Flammable



Environment

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

9339-222 : HS 2K GREY FILLER PRIMER



Flammable



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9339-222	Product Name: METALUX 2 HS 2K GREY FILLER PRIMER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED
Classification:	F N R Phrases R11,66,67,50/53 S Phrases S16,43A,51,56,59
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
ZINC (ORTHO) PHOSPHATE	>2.5 %	N	7779-90-0	o
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	3-SLIGHT - Irritation or minor reversible injury possible
Inhalation:	Excessive exposure must be avoided. Treat as nuisance dust.
Skin:	Excessive contact can be detrimental to health.
Eyes:	Particulates may scratch eye or cause mechanical irritation.
Ingestion:	No direct hazard expected but exercise caution.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air until dust subsides.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Get medical attention if discomfort persists.
Ingestion:	Seek medical advice in case of discomfort.

SECTION 5. FIRE FIGHTING MEASURES

Highly Flammable with toxic fumes.
No direct explosion hazard expected.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect.



SECTION 7. HANDLING AND STORAGE

Inert substance with no special requirements for hazard containment.
No open flames. No smoking. No sparks.

Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
ZINC (ORTHO) PHOSPHATE	7779-90-0	10/4				T/R
XYLENE	1330-20-7	435	100	650.	150.	RL+ S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

3-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Minimal hazard. No problems contemplated in disposal. Exercise caution when disposing of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263			
Shipping Name	PAINT or PAINT RELATED MATERIAL			
IMO Class	3.3	IMO Subsid	9	Packing Group III
Action Code	127			
HazChem	3[Y]			
Kemler Code	30			





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains :
F N	-	<i>R Phrases</i> R11,66,67,50/53 <i>S Phrases</i> S16,43A,51,56,59
R11	-	Highly flammable
R66	-	Repeated exposure may cause skin drying or cracking
R67	-	Vapours may cause drowsiness and dizziness.
R50/53	-	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S16	-	Keep away from sources of ignition - No soking
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S51	-	Use only in well ventilated areas
S56	-	Do not discharge into drains or the environment, dispose to an authorised waste collection point
S59	-	Refer to manufacturer/supplier for information on recovery/recycling



Flammable



Environment

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

2K HS FILLER PRIMER TONERS



Flammable



Environment



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9341 - WHITE, 9342 - BLACK, 9343 - RED, 9344 - BLUE, 9345 - YELLOW, 9346 - GREEN
CAS No.: Not applicable **EC No.:** Not applicable **UN No.:** 1263

	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW	9287 Smucker Road Orrville, Ohio 44667
Telephone:	+27 31 450-8800	+61 02 9907 1425	800-328-4892 (Toll Free)
Facsimile:	+27 31 450-8930	+61 02 9907 1465	001 3306693965
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za	techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F N R Phrases R11,66,67,50/53 S Phrases S16,43A,51,56,59
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
ZINC (ORTHO) PHOSPHATE	>2.5 %	N	7779-90-0	o
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 3-SLIGHT - Irritation or minor reversible injury possible
Inhalation: Excessive exposure must be avoided. Treat as nuisance dust.
Skin: Excessive contact can be detrimental to health.
Eyes: Particulates may scratch eye or cause mechanical irritation.
Ingestion: No direct hazard expected but exercise caution.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air until dust subsides.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Get medical attention if discomfort persists.
Ingestion: Seek medical advice in case of discomfort.

SECTION 5. FIRE FIGHTING MEASURES

Highly Flammable with toxic fumes.
No direct explosion hazard expected.
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect.



SECTION 7. HANDLING AND STORAGE

Inert substance with no special requirements for hazard containment.
No open flames. No smoking. No sparks.

Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
ZINC (ORTHO) PHOSPHATE	7779-90-0	10/4				T/R
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

3-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Minimal hazard. No problems contemplated in disposal. Exercise caution when disposing of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263			
Shipping Name	PAINT or PAINT RELATED MATERIAL			
IMO Class	3.3	IMO Subsid	9	Packing Group
Action Code	127			III
HazChem	3[Y]			
Kemler Code	30			





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a	
F N	-	R Phrases R11,66,67,50/53	S Phrases S16,43A,51,56,59
R11	-	Highly flammable	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
R50/53	-	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
S16	-	Keep away from sources of ignition - No soking	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S56	-	Do not discharge into drains or the environment, dispose to an authorised waste collection point	
S59	-	Refer to manufacturer/supplier for information on recovery/recycling	



Flammable



Environment

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
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(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

2008-222 : ANTI SILICONE SOLUTION



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 2008-222	Product Name: METALUX 2 ANTI SILICONE SOLUTION	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,20/21,65,38,66,67	<i>S Phrases</i> S36/37,02,13,,43A,51,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers liable to burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: t.b.e. (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,20/21,65,38,66,67	S Phrases S36/37,02,13,,43A,51,62
R10	-	Flammable	
R20/21	-	Harmful by inhalation and contact with the skin	
R65	-	Harmful: May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

8784-222 : ACCELERATOR



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8784-222	Product Name: METALUX 2 ACCELERATOR	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: - Xn *R Phrases* R10,48/20/21/22,65,38,66,67 *S Phrases* S36/37,02,13,43A,51,62
Comment: *OEL Type:* Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
XYLENE	>20 %	Xn	1330-20-7	601-022-00-9
DIBUTYL TIN COMPOUNDS (?=TRI)	>.3 %	T N	NOS	o
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: HARMFUL. Excessive exposure to this material must be avoided.
Skin: Highly irritating. Risk of dermatitis. May be absorbed through intact skin.
Eyes: Irritating.
Ingestion: Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes: Rinse well with plenty of water. Seek medical advice.
Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT sawdust. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+ S
DIBUTYL TIN COMPOUNDS (?=TRI)	NOS			0.2		Sn s
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

AVOID CONTACT. Use impervious gloves, apron and boots.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : XYLENE	
- Xn	-	R Phrases R10,48/20/21/22,65,38,66,67	S Phrases S36/37,02,13,43A,51,62
R10	-	Flammable	
R48/20/21/22	-	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed	
R65	-	Harmful: May cause lung damage if swallowed.	
R38	-	Irritating to the skin	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
S36/37	-	Wear suitable protective clothing and gloves.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



Date issued 15/03/2007

8794-222 : MATTING BASE



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8794-222	Product Name: METALUX 2 MATTING BASE	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667 800-328-4892 (Toll Free) 001 3306693965 techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn <i>R Phrases</i> R10,65,66	<i>S Phrases</i> S02,13,,43A,62
Comment:	<i>OEL Type:</i> Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
SOLVENT NAPHTHA LIGHT AROM (ARO1)	>10 %	Xn	64742-95-6	649-356-00-4
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	HARMFUL. Excessive exposure to this material must be avoided.
Skin:	Irritating, risk of dermatitis.
Eyes:	Irritating.
Ingestion:	Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In severe cases seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
Ingestion:	DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers liable to burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
SOLVENT NAPHTHA LIGHT AROM (ARO1)	64742-95-6	1200				RL
XYLENE	1330-20-7	435	100	650.	150.	RL+ S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles or full face respirator/hood. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : SOLVENT NAPHTHA LIGHT AROM (ARO1)
- Xn	-	R Phrases R10,,65,66 S Phrases S,02,13,,43A,62
R10	-	Flammable
R65	-	Harmful: May cause lung damage if swallowed.
R66	-	Repeated exposure may cause skin drying or cracking
S2	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

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Date issued 15/03/2007

9020-222 : SILICONE REMOVER



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9020-222	Product Name: METALUX 2 SILICONE REMOVER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F Xn R Phrases R11,65,36,67 S Phrases S02,13,16,43A,51,62
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
LOW BPt NAPHTHA (Benz.<.1%) (SBP4)	>10 %	F Xn	64742-82-1	649-330-00-2
N-BUTANOL	<5 %	Xn	71-36-3	603-004-00-6
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation: Irritating, narcotic.
Skin: Irritating, risk of dermatitis.
Eyes: Irritating.
Ingestion: Harmful. May cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of discomfort seek medical attention.
Skin: Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes: Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
LOW BPt NAPHTHA (Benz.<.1%) (SBP4)	64742-82-1	1200				RL
N-BUTANOL	71-36-3	150	50	150	50	RL S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield & goggles or full face respirator/hood. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2 Packing Group II
Action Code	127
HazChem	3[Y]E
Kemler Code	30





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : LOW BPt NAPHTHA (Benz.<.1%) (SBP4)
F Xn	-	<i>R Phrases</i> R11,65,36,67 <i>S Phrases</i> S02,13,26,43A,51,62
R11	-	Highly flammable
R65	-	Harmful: May cause lung damage if swallowed.
R36	-	Irritating to the eyes
R67	-	Vapours may cause drowsiness and dizziness.
S02	-	Keep out of reach of children. (Retail sales items)
S13	-	Keep away from food, drink and animal feeding stuffs
S16	-	Keep away from sources of ignition - No smoking
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!
S51	-	Use only in well ventilated areas
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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9021-222 : PREKLEEN



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9021-222	Product Name: METALUX 2 PREKLEEN	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED
Classification:	F Xn R Phrases R11,20/21,36,67 S Phrases S02,13,16,26,43A,46,51
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
SBP SOLVENT 2	>25 %	F XN	64742-48-9	
N-BUTANOL	<5 %	Xn	71-36-3	603-004-00-6
ISOBUTYL ALCOHOL	<5 %	Xi	78-83-1	603-108-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis.
Eyes:	Irritating.
Ingestion:	Irritating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
SBP SOLVENT 2	164742-48-9	2500	200			S
N-BUTANOL	71-36-3	150	50	150	50	RL S
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Use face shield & goggles or full face respirator/hood. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains :	
F Xn	-	R Phrases R11,20/22,36,67	S Phrases S02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20/22	-	Harmful by inhalation and if swallowed	
R36	-	Irritating to the eyes	
R67	-	Vapours may cause drowsiness and dizziness.	
S2	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S26	-	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S46	-	If swallowed seek medical advice immediately and show this container or label	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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3812-222 : SINGLE PACK POLYPROPYLENE CLEAR PRIMER



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 3812-222	Product Name: METALUX 2 SINGLE PACK POLYPROPYLENE CLEAR PRIMER	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED
Classification:	F Xn R Phrases R11,20,65,66 S Phrases S02,13,16,43A,51,62
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
TOLUENE	>12.5 %	F Xn	108-88-3	601-021-00-3

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation:	Irritating, narcotic. Can affect CNS.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air. In case of discomfort seek medical attention.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall liquid - use earthing.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
TOLUENE	108-388-3	188	50	560	150	RL +S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

In case of insufficient ventilation, use respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
Action Code	127
HazChem	3[Y]E
Kemler Code	30
Packing Group	II





SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a Contains : TOLUENE	
F Xn	-	R Phrases R11,20,65,66	S Phrases S02,13,43A,51,62
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R65	-	Harmful: May cause lung damage if swallowed.	
R66	-	Repeated exposure may cause skin drying or cracking	
S02	-	Keep out of reach of children. (Retail sales items)	
S13	-	Keep away from food, drink and animal feeding stuffs	
S16	-	Keep away from sources of ignition - No smoking	
S43A	-	In case of fire, use water fog, foam or powder - Do not use water jets!	
S51	-	Use only in well ventilated areas	
S62	-	If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.	



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
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8795-222 : SOFT FLEX ADDITIVE (10% RIGID OR 20% FLEXIBLE)



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8795-222	Product Name: METALUX 2 SOFT FLEX ADDITIVE (10% RIGID OR 20% FLEXIBLE)	
CAS No.: Not applicable	EC No.: Not applicable	UN No.: 1263
	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>
Company Name:	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd
Address:	320 South Coast Road Rossburgh Durban 4094	52-54 Chard Road Brookvale, NSW
Telephone:	+27 31 450-8800	+61 02 9907 1425
Facsimile:	+27 31 450-8930	+61 02 9907 1465
Contact:	Group Technical Manager techservice@chemspec.co.za www.chemspec.co.za	techservice@chemspec.co.za
		<u>UNITED STATES OF AMERICA</u>
		Montana Products Inc. 9287 Smucker Road Orrville, Ohio 44667
		800-328-4892 (Toll Free) 001 3306693965
		techservice@chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class:	PAINT or PAINT RELATED	
Classification:	- Xn R Phrases R10,66,67	S Phrases S43A
Comment:	OEL Type: Mixture - See tables in Sections 2 and 8	

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
n-BUTYL ACETATE	: %		123-86-4	607-025-00-1

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:	3-SLIGHT - Irritation or minor reversible injury possible
Inhalation:	Irritating.
Skin:	Irritating, risk of dermatitis. May be absorbed.
Eyes:	Irritating.
Ingestion:	Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove

SECTION 4. FIRST AID MEASURES

Inhalation:	Move to fresh air.
Skin:	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes:	Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
Ingestion:	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.
Containers liable to burst in a fire.
Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT sawdust. Keep out of drains and sewers.



SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking.
Store containers with due care in case of fire.
Subject to local bylaws.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
n-BUTYL ACETATE	123-86-4	710.	150.	950	200	RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

3-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use respiratory protection.

Use barrier cream and impervious gloves.

Use face shield or goggles or face respirator/hood. Avoid direct contact.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	>23°C (derived)
Water solubility:	--	Fat Solubility:	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established
LD50 Oral: >500 mg (Derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.3
Action Code	127
HazChem	3[Y]
Kemler Code	30
Packing Group	III





SECTION 15. REGULATORY INFORMATION

- EC No.:** - n/a Contains :
- *R Phrases* R10,66,67 *S Phrases* S43A
R10 - Flammable
R66 - Repeated exposure may cause skin drying or cracking
R67 - Vapours may cause drowsiness and dizziness.
S43A - In case of fire, use water fog, foam or powder - Do not use water jets!

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 15/03/2007

Date of analysis : 15/03/2007)



A MEMBER OF THE
CHEMICAL SPECIALITIES
GROUP OF COMPANIES

CHEMICAL SPECIALITIES (PTY) LTD

MATERIAL SAFETY DATA SHEET

9299 : MX2 BINDER ADDITIVE

Date issued 16/04/2007



Flammable



Harmful



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	9299	Product Name	MX2 BINDER ADDITIVE		
CAS No.	Not applicable	EC No	Not applicable	UN No	1263
Company Name	Chemical Specialities (Pty) Ltd				
Address	320 South Coast Road Rossburgh Durban 4094				
Telephone	(031) 450-8800				
Facsimile	(031) 450-8930				
Contact	Mr.R.Bentley/J.Singh				

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Class	PAINT or PAINT RELATED
Classification	F Xn R Phrases R11,20,36/37,66,67 S Phrases S02,13,16,26,43A,46,51
Comment	OEL Type : Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
ACETONE	>20 %	F Xi	67-64-1	606-001-00-8
5-METHYLHEXAN-2-ONE	>25 %	Xn	110-12-3	606-026-00-4
4-METHYLPENTAN-4-ONE	>20 %	F Xi	108-10-1	606-004-00-4
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating	2-MODERATE - Temporary or minor injury possible even if treatment given
Inhalation	HARMFUL. Excessive exposure to this material must be avoided.
Skin	Irritating, risk of dermatitis.
Eyes	Irritating - may cause damage if not given prompt attention.
Ingestion	Harmful if swallowed. Can affect CNS. Systemic poison.
No carcinogenic, mutagenic or genetic effects established	
May have short term environmental effects. Contain, monitor & remove	

SECTION 4. FIRST AID MEASURES

Inhalation	Move to fresh air. In case of discomfort seek medical attention.
Skin	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes	Rinse well with water and seek medical advice if discomfort persists.
Ingestion	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.
Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Use an inert - NOT sawdust. Keep out of drains & sewers.

SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.
No open flames. No smoking. No sparks.
Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

	CAS No.	OEL (mg/m3)	OEL (ppm)	STOEL (mg/m3)	STOEL (PPM)	OEL Type
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS						
ACETONE	67-64-1	1780	750	3560	1500	RL
5-METHYLHEXAN-2-ONE	110-12-3	240.	50.	360	75	RL
4-METHYLPENTAN-4-ONE	108-10-1	205	50	300	75	RL+ S
XYLENE	1330-20-7	435	100	650.	150.	RL+ S

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating

Inhalation

Skin

Eyes

Ingestion

2-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

Use barrier cream and impervious gloves.

Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

Observe the rules of hygiene. Wash before eating, drinking or smoking.

OEL Type : Mixture - See tables in Sections 2 and 8



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous liquid	Odour	Pungent
Boiling Point	>35°C	Flash Point	<-18°C (derived)
Water solubility	--	Fat Solubility	--

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

Prone to ignite by static

No reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established

LD50 Oral: >500 mg (derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2
	Packing Group II
Action Code	127
HazChem	3[Y]E
Kemler Code	30



SECTION 15. REGULATORY INFORMATION

EC no. : n/a Contains : ACETONE,5-METHYLHEXAN-2-ONE,4-METHYLPENTAN-4-ONE

F Xn R Phrases R11,20,36/37,66,67 S Phrases S02,13,16,26,43A,46,51

R11 - Highly Flammable

R20 - Harmful by inhalation

R36/37 - Irritating to the eyes and respiratory system

R66 - Repeated exposure may cause skin drying or cracking

R67 - Vapours may cause drowsiness and dizziness.

S2 - Keep out of reach of children. (Retail sales items)

S13 - Keep away from food, drink and animal feeding stuffs

S16 - Keep away from sources of ignition - No smoking

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S43A - In case of fire, use water fog, foam or powder - Do not use water jets!

S46 - If swallowed seek medical advice immediately and show this container or label

S51 - Use only in well ventilated areas



Flammable



Harmful

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)

OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)

SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)

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