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**UN No.:** 1263

## 9200 : BLACK







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9200 Product Name: METALUX 2 BLACK
CAS No.: Not applicable

Product Name: METALUX 2 BLACK
EC No.: Not applicable

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

320 South Coast Road 52-54 Chard Road 9287 Smucker Road Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 44667

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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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS >5 % N-BUTANOL 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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. 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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 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 Packing Group II





**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

526 - 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.





## **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)



## 9201 : EFFECT ADDITIVE







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9201 **Product Name: METALUX 2** EFFECT ADDITIVE

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd 320 South Coast Road Address:

Rossburgh

Durban 4094 +27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

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

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

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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **FORMALDEHYDE** 50-00-0 1.5 1.0 2.5 2.0 CI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Avoid direct contact. Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves. **Ingestion:** 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: 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 OF PAINT RELATED MATERIAL IMO Class 3.2 Packing Group II





EC No.: - n/a

R11 - Highly flammable
R20 - Harmful by inhalation
R36 - Irritating to the eyes

R66
 R67
 Repeated exposure may cause skin drying or cracking
 Vapours may cause drowsiness and dizziness.
 Keep out of reach of children. (Retail sales items)
 Keep away from food, drink and animal feeding stuffs
 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





## 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)



## **9203 : JET BLACK**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9203 Product Name: **METALUX 2** JET BLACK

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

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Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

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

Highly irritating. Eyes: 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.

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

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**



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 RL+S 188 560 150 2-BUTOXYETHANOL 111-76-2 25 CL S 120

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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 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 Packing Group II





**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!

If swallowed seek medical advice immediately and show this container or label.

**S51** - Use only in well ventilated areas





## 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)



**UN No.:** 1263

## 9204 : WHITE







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Code: 9204 Product Name:** METALUX 2 WHITE Not applicable CAS No.: EC No.: Not applicable

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd 320 South Coast Road 52-54 Chard Road Address:

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+27 31 450-8930 Facsimile: Contact: Group Technical Manager

Telephone:

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**UNITED STATES OF AMERICA AUSTRALIA** 

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

#### **SECTION 3.** HAZARDS IDENTIFICATION

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

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

Skin: HARMFUL BY CONTACT.

Eyes: Irritating - may cause damage if not give prompt attention. Harmful if swallowed. Can affect CNS. Systemic poison. Ingestion:

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.

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

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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Avoid direct contact. Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves. **Ingestion:** 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: 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 Packing Group II





EC No.: - n/a

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





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)



## 9206: TINTING BLACK







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9206 **Product Name: METALUX 2** TINTING BLACK

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Address:

Chemical Specialities (Pty) Ltd 320 South Coast Road

Rossburgh

Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA** <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

44667 800-328-4892 (Toll Free)

Montana Products Inc.

9287 Smucker Road

Orrville, Ohio

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

Highly irritating. Eves: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 435 100 650. 150. RL+S **TOLUENE** 108-88-3 560 150 RL+S 188 50 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





## **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)



## 9207 : MID BLUE







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Name: Product Code: 9207 METALUX 2** MID BLUE

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465

001 3306693965

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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eyes: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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

526 - 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.





**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)



**UN No.:** 1263

## 9208: PINK







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9208 Product Name: METALUX 2 PINK
CAS No.: Not applicable EC No.: Not applicable

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker RoadRossburghBrookvale, NSWOrrville, Ohio

Durban 4094 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 techservice@chemspec.co.za techservice@chemspec.co.za

www.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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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. 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





## 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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## 9209 : GREENISH BLUE







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Code: 9209 Product Name: METALUX 2** GREENISH BLUE

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Address:

Chemical Specialities (Pty) Ltd 320 South Coast Road

Rossburgh

Durban 4094 +27 31 450-8800

Telephone: +27 31 450-8930 Facsimile: Contact: Group Technical Manager

techservice@chemspec.co.za

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**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eves: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**EC No.:** - n/a Contains : N-BUTANOL F Xn - n/a Contains : N-BUTANOL 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.





**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)



## 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

**SOUTH AFRICA** 

Company Name: 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

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## 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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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

526 - 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.





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)



## **9212 : RED OXIDE**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9212 **Product Name: METALUX 2** RED OXIDE

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Address:

Chemical Specialities (Pty) Ltd 320 South Coast Road

Rossburgh Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

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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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eyes: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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!

If swallowed seek medical advice immediately and show this container or label.

**S51** - Use only in well ventilated areas





## 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)



## 9213 : BLUISH GREEN







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9213 **Product Name: METALUX 2** BLUISH GREEN

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Address:

Chemical Specialities (Pty) Ltd

320 South Coast Road Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

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### **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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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.

Eves: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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 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.





# 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.



# **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

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

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AUSTRALIA UNITED STATES OF AMERICA

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<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u>

## 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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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 OF PAINT RELATED MATERIAL IMO Class 3.2 Packing Group II





**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.





**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.



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker RoadRossburghBrookvale, NSWOrrville, Ohio

Durban 4094 44667 **Telephone**: +27 31 450-8800 +61 02 9907 1425 800-328-4892 (Toll Free)

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 Contact:
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<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





EC No.: n/a Contains: N-BUTANOL R Phrases R11,20,65,36,66,67 F Xn

S Phrases S02,13,16,26,43A,51,62

R11 Highly flammable **R20** 

Harmful by inhalation Harmful : May cause lung damage if swallowed. **R65** 

**R36** Irritating to the eyes

**R66** Repeated exposure may cause skin drying or cracking Vapours may cause drowsiness and dizziness. **R67** S2 Keep out of reach of children. (Retail sales items) S13 Keep away from food, drink and animal feeding stuffs

Keep away from sources of ignition - No smoking **S16 S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

S51 Use only in well ventilated areas

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. **S62** 





#### **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 analysis: 15/03/2007) (Date of issue: 15/03/2007



# 9216: YELLOW OXIDE







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9216 **Product Name: METALUX 2** YELLOW OXIDE

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465

001 3306693965

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 R11,20,36,66,67 S Phrases S02,13,16,26,43A,46,51

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

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

#### **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.

Highly irritating. Eyes: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**EC No.:** - n/a Contains : N-BUTANOL **F Xn** - *R Phrases* R11.20.36.66.67

- 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





# 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.



# **9217 : LIGHT RED**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9217 Product Name: **METALUX 2** LIGHT RED

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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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 R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62

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

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

#### **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.

Highly irritating. Eyes: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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

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.





# 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.



# **9218 : CLEAN BLUE**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9218 **Product Name: METALUX 2** CLEAN BLUE

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd Address:

320 South Coast Road Rossburgh

Durban 4094 Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

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

www.chemspec.co.za

**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio 44667

+61 02 9907 1425 800-328-4892 (Toll Free) 001 3306693965 +61 02 9907 1465

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

techservice@chemspec.co.za

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

<u>% m/m</u> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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

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

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

Highly irritating. Eves: 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.

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

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** 



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





## **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.



# 9219: TRANSPARENT YELLOW







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9219 Product Name: METALUX 2 TRANSPARENT YELLOW

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA
Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Address: 320 South Coast Road Rossburgh Scheme Brookvale, NSW Scheme Road South Coast Road Brookvale, NSW Scheme Road South Coast Road Rossburgh Scheme Road Brookvale, NSW Scheme Road Sc

Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





EC No.: n/a Contains: N-BUTANOL R Phrases R11,20,65,36,66,67 F Xn

S Phrases S02,13,16,26,43A,51,62

Highly flammable R11 **R20** 

Harmful by inhalation Harmful : May cause lung damage if swallowed. **R65** 

**R36** Irritating to the eyes

**R66** Repeated exposure may cause skin drying or cracking Vapours may cause drowsiness and dizziness. **R67** S2 Keep out of reach of children. (Retail sales items) S13 Keep away from food, drink and animal feeding stuffs Keep away from sources of ignition - No smoking **S16** 

**S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

S51 Use only in well ventilated areas

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. **S62** 





#### **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 analysis: 15/03/2007) (Date of issue: 15/03/2007

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# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 44667

**Telephone**: +27 31 450-8800 +61 02 9907 1425 800-328-4892 (Toll Free)

 Facsimile:
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 +61 02 9907 1465
 001 3306693965

 Contact:
 Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





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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.



techservice@chemspec.co.za

# **9222 : GREEN**







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code:9222Product Name:METALUX 2 GREENCAS No.:Not applicableEC No.:Not applicableUN No.: 1263

Company Name: SOUTH AFRICA Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Chemspec Coating (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products IncAddress:320 South Coast Road52-54 Chard Road9287 Smucker RoadRossburghBrookvale, NSWOrrville, Ohio

Durban 4094 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

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 001 3306693965

 Contact:
 Group Technical Manager

techservice@chemspec.co.za techservice@chemspec.co.za www.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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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. 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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





#### **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.



# **9223 : RUBINE RED**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9223 **Product Name: METALUX 2 RUBINE RED** 

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd Address:

320 South Coast Road

Rossburgh Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667 +61 02 9907 1425 800-328-4892 (Toll Free)

001 3306693965 +61 02 9907 1465

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 R11,20/21,65,36,66,67 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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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.

Highly irritating. Eves: 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.

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

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** 



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





#### **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.



**UNITED STATES OF AMERICA** 

# 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

SOUTH AFRICA AUSTRALIA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

ddress:320 South Coast Road52-54 Chard Road9287 Smucker RoadRossburghBrookvale, NSWOrrville, OhioDurban 409444667

**Telephone:** +27 31 450-8800 +61 02 9907 1425 800-328-4892 (Toll Free)

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Contact: Group Technical Manager

Contact: Group Technical Manager <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u>

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **FORMALDEHYDE** 50-00-0 1.5 1.0 2.5 2.0 CI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





# 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.



# 9229 : OCHRE







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9229 **Product Name: METALUX 2 OCHRE** 

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** Company Name:

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

Rossburgh Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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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 R11,20/21,65,36,66,67 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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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

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

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

Highly irritating. Eves: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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

526 - 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.





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.



# 9230 : MID RED







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Product Code: 9230 **METALUX 2** MID RED

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

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

Rossburgh

Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

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

Highly irritating. Eyes: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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!

If swallowed seek medical advice immediately and show this container or label.

**S51** - Use only in well ventilated areas





**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)



# **9231 : UNI ORANGE**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9231 **Product Name: METALUX 2** UNI ORANGE

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Chemical Specialities (Pty) Ltd Company Name: Address:

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+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

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### **SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical Class:** PAINT or PAINT RELATED

Classification: FT 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

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

Eves: 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.

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

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

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

#### **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.



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 435 100 650. 150. RL+S **TOLUENE** 108-88-3 560 RL+S 188 50 150 LEAD CHROME PIGMENT 12656-85-8 .15PB CI +

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

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

**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking.

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 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 Packing Group II





**EC No.:** - n/a Contains : N-BUTANOL, LEAD CHROME PIGMENT

**FT** - R Phrases R62,61,11,20/21,36,33,66,67 S Phrases 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)





## **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 Date of analysis: 15/03/2007)



# 9235 : UMBER







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9235 Product Name: **METALUX 2 UMBER** 

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

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

Rossburgh

Durban 4094 Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

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

#### **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.

Highly irritating. Eyes: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





EC No.: n/a Contains: N-BUTANOL R Phrases R11,20,65,36,66,67 F Xn

S Phrases S02,13,16,26,43A,51,62

Highly flammable R11 **R20** 

Harmful by inhalation Harmful : May cause lung damage if swallowed. **R65** 

Irritating to the eyes **R36** 

**R66** Repeated exposure may cause skin drying or cracking Vapours may cause drowsiness and dizziness. **R67** S2 Keep out of reach of children. (Retail sales items) S13 Keep away from food, drink and animal feeding stuffs Keep away from sources of ignition - No smoking **S16** 

**S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

S51 Use only in well ventilated areas

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. **S62** 





### **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)



# **9236 : UNI YELLOW**











**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9236 **Product Name: METALUX 2 UNI YELLOW** 

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA Company Name:** Chemical Specialities (Pty) Ltd Address:

320 South Coast Road

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

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

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techservice@chemspec.co.za techservice@chemspec.co.za

### **SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical Class:** PAINT or PAINT RELATED

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

#### **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. Eves: 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.

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

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

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

#### **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.



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: **STOEL** CAS No. **OEL OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **LEAD CHROME PIGMENT** 1334-37-2 .15PB CL+ **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 100 650. 150. RL+S 435 **TOLUENE** 108-88-3 188 50 560 150 RI +S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Avoid direct contact. Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves. **Ingestion:** Observe the rules of hygiene. Wash before eating, drinking or smoking.

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







**Packing Group** 



# 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

Action Code 127 HazChem 3[Y]E Kemler Code 30



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EC No.: n/a Contains: N-BUTANOL, LEAD CHROME PIGMENT

R Phrases R40,62,61,11,20,36,33,66,67 FΤ S Phrases S01/02,36/37,13,16,26,43A,45

**R40** Limited evidence of a corcinogenic effect.

**R62** Possible risk of impaired fertility. May cause harm to the unborn child. **R61** 

**R11** Highly flammable Harmful by inhalation **R20** Irritating to the eyes **R36** 

**R33** Danger of cumulative effects

**R66** Repeated exposure may cause skin drying or cracking

Vapours may cause drowsiness and dizziness. **R67** 

S1/2 Keep locked up and out of reach of children. (Retail sales items)

Wear suitable protective clothing and gloves S36/37

**S13** Keep away from food, drink and animal feeding stuffs Keep away from sources of ignition - No smoking **S16** 

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S26

**S43A** 

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible) **S45** 





Toxic



#### **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)



# **9238 : LEMON**











Montana Products Inc.

9287 Smucker Road

Orrville, Ohio

**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9238 **Product Name: METALUX 2** LEMON Not applicable CAS No.: EC No.: Not applicable

**UN No.:** 1263 **SOUTH AFRICA UNITED STATES OF AMERICA AUSTRALIA** 

techservice@chemspec.co.za

**Company Name:** Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd 320 South Coast Road Address: 52-54 Chard Road Rossburgh Brookvale, NSW

Durban 4094 44667 +27 31 450-8800 800-328-4892 (Toll Free) Telephone: +61 02 9907 1425 +27 31 450-8930 +61 02 9907 1465 001 3306693965 Facsimile:

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

techservice@chemspec.co.za www.chemspec.co.za

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS** 

**Chemical Class:** PAINT or PAINT RELATED

Classification: FTN 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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS 082-009-00-X >10 % LEAD CHROME PIGMENT 1334-37-2 ΤN **N-BUTANOL** >5 % Xn 71-36-3 603-004-00-6 <12.5 % 1330-20-7 601-022-00-9 XYI FNF Xn **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. Eves: 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.

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

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

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

#### **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.



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: **STOEL** CAS No. **OEL OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **LEAD CHROME PIGMENT** 1334-37-2 .15PB CL+ **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 100 650. 150. RL+S 435 **TOLUENE** 108-88-3 188 50 560 150 RI +S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Avoid direct contact. Use barrier cream and impervious gloves.

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







EC No.: n/a Contains: N-BUTANOL, LEAD CHROME PIGMENT

R Phrases R40,62,61,11,20,36,33,66,67 FΤ S Phrases S01/02,36/37,13,16,26,43A,45

**R40** Limited evidence of a corcinogenic effect.

**R62** Possible risk of impaired fertility.

May cause harm to the unborn child. **R61 R11** Highly flammable

Harmful by inhalation **R20** Irritating to the eyes **R36** 

**R33** Danger of cumulative effects

**R66** Repeated exposure may cause skin drying or cracking

Vapours may cause drowsiness and dizziness. **R67** 

S1/2 Keep locked up and out of reach of children. (Retail sales items)

Wear suitable protective clothing and gloves S36/37

**S13** Keep away from food, drink and animal feeding stuffs Keep away from sources of ignition - No smoking **S16** 

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S26

**S43A** 

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible) **S45** 







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)



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker RoadRossburghBrookvale, NSWOrrville, Ohio

Durban 4094 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

Contact: Group Technical Manager <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u>

www.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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 150 RL+S 188 560 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

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

**Ingestion:** Observe the rules of hygiene. Wash before eating or drinking.

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: 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 Packing Group II





**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 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.





## **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)



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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. 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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 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.





# **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)



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road<br/>Rossburgh52-54 Chard Road<br/>Brookvale, NSW9287 Smucker Road<br/>Orrville, Ohio

Durban 4094 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 techservice@chemspec.co.za techservice@chemspec.co.za

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **FORMALDEHYDE** 50-00-0 1.5 1.0 2.5 2.0 CI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





EC No.: n/a Contains: N-BUTANOL R Phrases R11,20,65,36,66,67 F Xn

S Phrases S02,13,16,26,43A,51,62

R11 Highly flammable **R20** Harmful by inhalation

Harmful: May cause lung damage if swallowed. **R65** 

**R36** Irritating to the eyes

**S16** 

Repeated exposure may cause skin drying or cracking Vapours may cause drowsiness and dizziness. **R66 R67** S2 Keep out of reach of children. (Retail sales items) S13 Keep away from food, drink and animal feeding stuffs 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

In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

S51 Use only in well ventilated areas

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. **S62** 





### **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)



# 9244 : GRAPHITE







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9244 **Product Name: METALUX 2** GRAPHITE

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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001 3306693965

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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eves: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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 OF PAINT RELATED MATERIAL IMO Class 3.2 Packing Group II





**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

526 - 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.





## 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)



# **9246 : ORANGE**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9246 Product Name: **METALUX 2 ORANGE** 

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

52-54 Chard Road

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Brookvale, NSW

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA** <u>AUSTRALIA</u>

Chemspec Coating (Pty) Ltd Montana Products Inc. 9287 Smucker Road Orrville, Ohio

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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 R11,20/21,36,66,67 S Phrases \$36/37,02,13,16,26,43A,46,51

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

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

Highly irritating. Eves: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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!

If swallowed seek medical advice immediately and show this container or label.

**S51** - Use only in well ventilated areas





# 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)



**UN No.:** 1263

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# 9250 : GOLD







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9250 Product Name: METALUX 2 GOLD
CAS No.: Not applicable EC No.: Not applicable

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio
Durban 4094 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 techservice@chemspec.co.za techservice@chemspec.co.za

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 RL+S 188 50 560 150 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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!

If swallowed seek medical advice immediately and show this container or label.

**S51** - Use only in well ventilated areas





## 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)



# 9251: **BROWN**







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9251 Product Name: METALUX 2 BROWN

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker RoadRossburghBrookvale, NSWOrrville, Ohio

Durban 4094 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 techservice@chemspec.co.za techservice@chemspec.co.za

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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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 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.





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)



# **9253 : MAGENTA**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9253 **Product Name: METALUX 2 MAGENTA** 

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

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

> Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

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**UNITED STATES OF AMERICA AUSTRALIA** 

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001 3306693965

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 R11,20,36,66,67 S Phrases S02,13,16,26,43A,46,51

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

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

#### **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.

Highly irritating. Eves: 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.

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

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**



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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





## 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.



# 1056-222 : STABILISING CLEAR







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 1056-222 **Product Name: METALUX 2** STABILISING CLEAR

CAS No.: Not applicable EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

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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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eves: 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.

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

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**



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **N-BUTANOL** 71-36-3 150 50 150 50 **RLS XYLENE** 1330-20-7 435 100 650. 150. RL+ S **TOLUENE** 108-88-3 50 560 150 RL+ S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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 liquidOdour: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





**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.





## 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.



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA
Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Address: 320 South Coast Road Rossburgh Brookvale, NSW Sherman Products included in the State of the State of

Durban 4094 44667 **Telephone:** +27 31 450-8800 +61 02 9907 1425 800-328-4892 (Toll Free) **Faccimile:** +27 31 450 8030 +61 03 0007 1465 001 3306603065

Facsimile: +27 31 450-8930 +61 02 9907 1465 001 3306693965

Contact: Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS >5 % N-BUTANOL 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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 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 Packing Group II





**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.





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.



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 44667

 Telephone:
 +27 31 450-8800
 +61 02 9907 1425
 800-328-4892 (Toll Free)

 Facsimile:
 +27 31 450-8930
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 001 3306693965

Contact: +27 31 450-8930 +61 02 9907 1465 001 3306693965 Contact:

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





**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.



# 9211 : SPARKLE SILVER







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9211 **Product Name: METALUX 2** SPARKLE SILVER

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd Address:

320 South Coast Road Rossburgh

Durban 4094

+27 31 450-8800 Telephone: Facsimile: +27 31 450-8930

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

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**AUSTRALIA** 

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9287 Smucker Road

**UNITED STATES OF AMERICA** 

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Orrville, Ohio

44667

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

Highly irritating. Eves: 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.

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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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 OF PAINT RELATED MATERIAL IMO Class 3.2 Packing Group II





**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.





**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.



# 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

SOUTH AFRICA

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

320 South Coast Road
Rossburgh

Durban 4094 +27 31 450-8800

**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

techservice@chemspec.co.za

800-328-4892 (Toll Free)

**UNITED STATES OF AMERICA** 

Montana Products Inc.

9287 Smucker Road

Orrville, Ohio

001 3306693965

44667

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **FORMALDEHYDE** 50-00-0 1.5 1.0 2.5 72.0 CI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

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

**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking.

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: 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





**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.





## **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.



# 9228 : BRILLIANT SILVER







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9228 **Product Name: METALUX 2** BRILLIANT SILVER

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA AUSTRALIA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094 +27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465

001 3306693965

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 R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62

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

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

Highly irritating. Eves: 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.

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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





## **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.



# 9233 : FINE SILVER







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Code: 9233 Product Name: METALUX 2** FINE SILVER

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

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

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465

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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 R11,2/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUFNE	>5 % <12.5 % <12.5 %	Xn Xn F Xn	71-36-3 1330-20-7 108-88-3	603-004-00-6 601-022-00-9 601-021-00-3
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.

Highly irritating. Eves: 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.

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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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 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.





## 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.



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

Facsimile: +27 31 450-8930 +61 02 9907 1465 001 3306693965

Contact: Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





## **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.



## **9224 : BLUE PEARL**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Code: 9224 Product Name:** METALUX 2 BLUE PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

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001 3306693965

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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eves: 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.

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

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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





## **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.



## **9226 : RED PEARL**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9226 **Product Name: METALUX 2** RED PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094

+27 31 450-8800 Telephone: Facsimile: +27 31 450-8930

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 9287 Smucker Road 52-54 Chard Road Brookvale, NSW Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465

001 3306693965

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 R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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.

Eves: 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.

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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





## 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.



## 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA
Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products IncAddress:320 South Coast Road52-54 Chard Road9287 Smucker RoadRossburghBrookvale, NSWOrrville, Ohio

Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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

526 - 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.





**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.



# 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

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 UNITED STATES OF AMERICA

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667 +61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465 001 3306693965

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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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. 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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





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.



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio
Durban 4094 44667

 Telephone:
 +27 31 450-8800
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 800-328-4892 (Toll Free)

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 001 3306693965

Contact: 427 31 450-8930 +61 02 9907 1465 001 3306693965

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

## 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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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 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.





### 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.



# 9243: FINE BLUE PEARL







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9243 **Product Name: METALUX 2** FINE BLUE PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

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

Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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001 3306693965

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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eves: 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.

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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





#### **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.



# 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

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 UNITED STATES OF AMERICA

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Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Orrville, Ohio

+61 02 9907 1425 44667 800-328-4892 (Toll Free)

+61 02 9907 1465 001 3306693965

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

techservice@chemspec.co.za

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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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 OF PAINT RELATED MATERIAL IMO Class 3.2 Packing Group II





**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 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.





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.



## **9247 : GOLD PEARL**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Code: 9247 Product Name: METALUX 2** GOLD PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Address:

Chemical Specialities (Pty) Ltd 320 South Coast Road

Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eves: 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.

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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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 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.





### **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.



# 9248 : BROWN PEARL







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9248 **Product Name: METALUX 2** BROWN PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Address:

Chemical Specialities (Pty) Ltd

320 South Coast Road Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

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

Highly irritating. Eves: 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.

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

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





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.



## 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

SOUTH AFRICA

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

ss: 320 South Coast Roa 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 UNITED STATES OF AMERICA

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465 001 3306693965

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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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. 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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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



158



**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.





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.



**UNITED STATES OF AMERICA** 

# 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

SOUTH AFRICA AUSTRALIA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

## 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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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. 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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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



161



**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

526 - 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.





## **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.



# 9254 : LILAC PEARL







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9254 **Product Name: METALUX 2** LILAC PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094

+27 31 450-8800 Telephone: Facsimile: +27 31 450-8930

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 9287 Smucker Road 52-54 Chard Road Brookvale, NSW Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465

001 3306693965

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 R11,20/21,65,36,66,67 S Phrases S36/37,02,13,16,26,43A,51,62

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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.

Eves: 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.

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

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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





#### **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.



# 9237 : CRYSTAL PEARL







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9237 **Product Name: METALUX 2** CRYSTAL PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA UNITED STATES OF AMERICA AUSTRALIA** 

Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc. 320 South Coast Road Address: 52-54 Chard Road 9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 44667 +27 31 450-8800

Telephone: +61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465 Facsimile: +27 31 450-8930 001 3306693965

Contact: Group Technical Manager

techservice@chemspec.co.za

techservice@chemspec.co.za techservice@chemspec.co.za www.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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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.

Eves: 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.

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

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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





#### **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.



## 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio
Durban 4094 52-54 Chard Road 9287 Smucker Road
Brookvale, NSW 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

Facsimile: +27 31 450-8930 +61 02 9907 1465 001 3306693965

Contact: Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % F Xn **TOLUENE** 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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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.





#### **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.



# 9257 : GALAXY BLUE PEARL







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Code: 9257 Product Name: METALUX 2** GALAXY BLUE PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

Company Name: Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465

001 3306693965

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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE ISOBUTYL ALCOHOL	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eves: 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.

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

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



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: **STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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





**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 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

526 - 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.





### 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.



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 50 560 150 RL+S 188 **ISOBUTYL ALCOHOL** 78-83-1 150 50 225 75 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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: 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 OF PAINT RELATED MATERIAL IMO Class 3.2 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30





**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 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.





### **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.



# 9259 : RED VIOLET PEARL







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**Product Code: 9259 Product Name: METALUX 2** RED VIOLET PEARL

Not applicable CAS No.: EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

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

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

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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 R11,20/21,65,36,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS N-BUTANOL XYLENE TOLUENE SOLVENT NAPHTHA LIGHT AROM(ARO1)	>5 %	Xn	71-36-3	603-004-00-6
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<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.

Highly irritating. Eves: 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.

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

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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 435 100 650. 150. RL+S **TOLUENE** 108-88-3 560 RL+S 188 50 150 **SOLVENT NAPHTHA LIGHT AROM(ARO1)** 64742-95-6 1200 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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

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





**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

526 - 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

\$62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.





### 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.



# 9260: EMERALD GREEN PEARL







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9260 Product Name: METALUX 2 EMERALD GREEN PEARL

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA
Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Durban 4094 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 techservice@chemspec.co.za techservice@chemspec.co.za www.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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS **N-BUTANOL** >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % **TOLUENE** 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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 435 100 650. 150. RL+S **TOLUENE** 108-88-3 560 RL+S 188 50 150 **SOLVENT NAPHTHA LIGHT AROM(ARO1)** 64742-95-6 1200 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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

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





**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

526 - 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.





### 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.



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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: +27 31 450-8930 +61 02 9907 1465 001 3306693965 Contact:

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS **N-BUTANOL** >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % **TOLUENE** 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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 435 100 650. 150. RL+S **TOLUENE** 108-88-3 560 RL+S 188 50 150 **SOLVENT NAPHTHA LIGHT AROM(ARO1)** 64742-95-6 1200 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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

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





**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

526 - 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

\$62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.





### **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.



techservice@chemspec.co.za

# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

EC No. <u>% m/m</u> **EC Labels** CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS **N-BUTANOL** >5 % 603-004-00-6 Xn 71-36-3 **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 <12.5 % **TOLUENE** 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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 435 100 650. 150. RL+S **TOLUENE** 108-88-3 560 RL+S 188 50 150 **SOLVENT NAPHTHA LIGHT AROM(ARO1)** 64742-95-6 1200 RI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

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

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Avoid any form of contact or use personal protection.

Ingestion: 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 liquidOdour: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 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30





**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

526 - 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

\$62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.





### **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.



# 9270: WHITE





SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9270 Product Name: METALUX 2 WHITE CAS No.: Not applicable EC No.: Not applicable

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Chemspec Coating (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Address: 320 South Coast Road Rossburgh Brookvale, NSW Sinchight Scheme Specialities (14) Eta Montana Products in Montana Prod

Durban 4094 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: +27 31 450-8930 +61 02 9907 1465 001 3306693965
Contact: Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

SECTION 3. HAZARDS IDENTIFICATION

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

Inhalation:
Skin:

Irritating, narcotic. Can affect CNS.
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



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** 

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 9.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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

\$62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.



# **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.



# 9271: BLACK





PRODUCT AND COMPANY IDENTIFICATION **SECTION 1.** 

**Product Code: 9271** Product Name: METALUX 2 BLACK

Not applicable Not applicable CAS No.: EC No.: **UN No.:** 1263

52-54 Chard Road

Brookvale, NSW

**SOUTH AFRICA Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** Chemspec Coating (Pty) Ltd

Montana Products Inc. 9287 Smucker Road Orrville, Ohio

44667

800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

001 3306693965

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> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

>20 % 1330-20-7 601-022-00-9 XYI FNF Xn

#### **SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

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



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

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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.



# 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.



techservice@chemspec.co.za

# 9272: YELLOW OXIDE





techservice@chemspec.co.za

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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> www.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

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



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** 

**XYLENE** 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 9.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





EC No.: n/a Contains: XYLENE

R Phrases R10,20/21,65,38,66,67 - Xn S Phrases S36/37,02,13,43A,51,62

R10 Flammable

R20/21 Harmful by inhalation and contact with the skin Harmful: May cause lung damage if swallowed. **R65** 

**R38** Irritating to the skin

**R66** Repeated exposure may cause skin drying or cracking

Vapours may cause drowsiness and dizziness. **R67** S36/37 Wear suitable protective clothing and gloves Keep out of reach of children. (Retail sales items) S2 Keep away from food, drink and animal feeding stuffs **S13** In case of fire, use water fog, foam or powder - Do not use water jets!

**S43A** Use only in well ventilated areas S51

**S62** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.



#### **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.



# 9273 : RED OXIDE





PRODUCT AND COMPANY IDENTIFICATION **SECTION 1.** 

Product Code: 9273 Product Name: METALUX 2 RED OXIDE

Not applicable CAS No.: EC No.: Not applicable **UN No.:** 1263

52-54 Chard Road

Brookvale, NSW

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 9287 Smucker Road Orrville, Ohio

44667

800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

001 3306693965

techservice@chemspec.co.za techservice@chemspec.co.za

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS** 

**Chemical Class:** PAINT or PAINT RELATED

Classification: - Xn R Phrases R10,20/21,65,38,66,67 S Phrases S36/37,02,13,43A,51,62

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

> <u>% m/m</u> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

1330-20-7 601-022-00-9 XYI FNF >20 % Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

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



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

**XYLENE** 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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.



# **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.



# 9274: SCARLET CHROME









SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9274 Product Name: METALUX 2 SCARLET CHROME

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Address: 320 South Coast Road 52-54 Chard Road 9287 Smucker Road Rossburgh Brookvale, NSW 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS >20 % 1330-20-7 601-022-00-9 XYLENE Xn LEAD CHROME PIGMENT >10 % ΤN 12656-85-8 082-010-00-5 >10 % LEAD CHROME PIGMENT 12656-85-8 ΤN 082-010-00-5

SECTION 3. HAZARDS IDENTIFICATION

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

Inhalation:

Skin:

HARMFUL. Excessive exposure to this material must be avoided.

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.



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: STOEL** CAS No. **OEL OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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:** 1-H-E PPE : Respirator and Eye protection.

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: AVOID CONTACT. Use impervious gloves, apron and boots.

Eyes: Use goggles. Avoid direct contact.

**Ingestion:** Observe the rules of hygiene. Wash before eating or drinking.

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









# SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:Viscous liquidOdour: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

HazChem

**Kemler Code** 

Shipping Name PAINT or PAINT RELATED MATERIAL

IMO Class 3.3 IMO Subsid S

Packing Group





3[Y]



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

### **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.



# **9275 : BLUE GREEN**





PRODUCT AND COMPANY IDENTIFICATION **SECTION 1.** 

Product Code: 9275 Product Name: METALUX 2 BLUE GREEN

Not applicable CAS No.: EC No.: Not applicable **UN No.:** 1263

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

001 3306693965

techservice@chemspec.co.za techservice@chemspec.co.za

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS** 

**Chemical Class:** PAINT or PAINT RELATED

Classification: - Xn R Phrases R10,20/21,65,38,66,67 S Phrases S36/37,02,13,43A,51,62

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

> <u>% m/m</u> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

1330-20-7 601-022-00-9 XYI FNF >20 % Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

No carcinogenic, mutagenic or genetic effects established

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

**SECTION 4. FIRST AID MEASURES** 

Move to fresh air. In case of discomfort seek medical attention. Inhalation:

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



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

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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

\$62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.



# **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.



**UN No.:** 1263

# 9276 : BLUE





PRODUCT AND COMPANY IDENTIFICATION **SECTION 1.** 

Product Code: 9276 Product Name: METALUX 2 BLUE Not applicable Not applicable CAS No.: EC No.:

> **SOUTH AFRICA UNITED STATES OF AMERICA AUSTRALIA**

> > Brookvale, NSW

**Company Name:** Chemical Specialities (Pty) Ltd 52-54 Chard Road

320 South Coast Road Address: Rossburgh

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Telephone:

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Chemspec Coating (Pty) Ltd

Montana Products Inc. 9287 Smucker Road Orrville, Ohio

44667

800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

001 3306693965

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> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

>20 % 1330-20-7 601-022-00-9 XYI FNF Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

No carcinogenic, mutagenic or genetic effects established

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

**SECTION 4. FIRST AID MEASURES** 

Move to fresh air. In case of discomfort seek medical attention. Inhalation:

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



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

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 9.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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.



# 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.



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 44667

 Telephone:
 +27 31 450-8800
 +61 02 9907 1425
 800-328-4892 (Toll Free)

 Facsimile:
 +27 31 450-8930
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 001 3306693965

Contact: Group Technical Manager

techservice@chemspec.co.za techservice@chemspec.co.za techservice@chemspec.co.za www.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:
Skin:

Irritating, narcotic. Can affect CNS.
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



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

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class Packing Group III





**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.



### 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)



# 9278 : RED VIOLET





**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Name: METALUX 2 RED VIOLET Product Code: 9278

Not applicable CAS No.: EC No.: Not applicable **UN No.:** 1263

52-54 Chard Road

+61 02 9907 1425

+61 02 9907 1465

Brookvale, NSW

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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**UNITED STATES OF AMERICA AUSTRALIA** 

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44667

800-328-4892 (Toll Free)

001 3306693965

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> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

>20 % 1330-20-7 601-022-00-9 XYI FNF Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

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



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** 

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

Skin: Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 9.3 Packing Group III





**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.



## 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)



# **9279 : MID CHROME**









**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**METALUX 2** MID CHROME **Product Code: 9279 Product Name:** 

Not applicable CAS No.: EC No.: Not applicable **UN No.:** 1263

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd Address:

320 South Coast Road Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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#### **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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS XYLENE LEAD CHROME PIGMENT LEAD CHROME PIGMENT	>20 % >10 % >10 %	Xn T N T N	1330-20-7 1344-37-2 1344-37-2	601-022-00-9 082-009-00-X 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. Highly irritating. Risk of dermatitis. May be absorbed through intact skin. Skin:

Eyes: Highly irritating and risk of irreversible damage. Harmful. May cause lung damage if swallowed. Ingestion:

## 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.

Drench with water. Remove contaminated clothing. Use a skin cleaner. In severe cases refer to Doctor. Skin:

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.



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: STOEL** CAS No. **OEL OEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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:** 1-H-E PPE: Respirator and Eye protection.

Inhalation: In case of insufficient ventilation, use suitable respiratory protection. Skin: AVOID CONTACT. Use impervious gloves, apron and boots.

Use goggles. Avoid direct contact. Eyes:

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

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 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

HazChem

**Kemler Code** 

**Shipping Name** PAINT or PAINT RELATED MATERIAL

**IMO Class** 3.3 **IMO Subsid Action Code** 127 3[Y]

**Packing Group** Ш







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

**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)



## **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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 44667

 Telephone:
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 001 3306693965

Contact: Group Technical Manager

techservice@chemspec.co.za techservice@chemspec.co.za techservice@chemspec.co.za www.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

 HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS
 >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:
Inhalation:
Skin:

2-MODERATE - Temporary or minor injury possible even if treatment given HARMFUL. Excessive exposure to this material must be avoided.
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



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

**XYLENE** 1330-20-7 435 **2-METHOXY-1METHYLETHYL ACETATE** 108-65-6

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

100

650.

150.

RL+S

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: AVOID CONTACT. Use impervious gloves, apron and boots.

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

**Ingestion:** Observe the rules of hygiene. Wash before eating or drinking.

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 Packing Group III





**EC No.:** - n/a Contains : XYLENE, 2-METHOXY-1-METHYLETHYL ACETATE

- Xn - R Phrases R10,20/21,65,36/38,66,67 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

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

• IIn 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.



#### 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)



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# 9281: LEMON CHROME









SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9281 Product Name: METALUX 2 LEMON CHROME

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Chemspec Coating (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Durban 4094 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

Facsimile: +27 31 450-8930 +61 02 9907 1465 001 3306693965

Contact: Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

 HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS
 >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.



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: STOEL** CAS No. **OEL OEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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: 1-H-E PPE : Respirator and Eye protection.

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: AVOID CONTACT. Use impervious gloves, apron and boots.

**Eyes:** Use goggles. Avoid direct contact.

**Ingestion:** Observe the rules of hygiene. Wash before eating or drinking.

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
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

**Kemler Code** 

Shipping Name PAINT or PAINT RELATED MATERIAL

IMO Class 3.3 IMO Subsid 9 Packing Group III Action Code 127 HazChem 3[Y]





30



**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.

R10 - Flammable

**R61** 

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

May cause harm to the unborn child.

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

#### **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)



# **9282 : ORANGE**





**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9282 Product Name: METALUX 2 ORANGE

Not applicable CAS No.: EC No.: Not applicable **UN No.:** 1263

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd 320 South Coast Road Address:

Rossburgh

Durban 4094

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Contact: Group Technical Manager

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**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> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

1330-20-7 601-022-00-9 XYI FNF >20 % Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

No carcinogenic, mutagenic or genetic effects established

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

**SECTION 4. FIRST AID MEASURES** 

Move to fresh air. In case of discomfort seek medical attention. Inhalation:

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



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** 

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 9.3 Packing Group III





**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.



### **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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# 9284 : BRIGHT RED







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

**METALUX 2** BRIGHT RED Product Code: 9284 **Product Name:** 

Not applicable CAS No.: EC No.: Not applicable **UN No.:** 1263

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd 320 South Coast Road Address:

Rossburgh

Durban 4094 +27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

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techservice@chemspec.co.za techservice@chemspec.co.za

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS** 

**Chemical Class:** PAINT or PAINT RELATED

Classification: - Xn R Phrases R10,20/21,65,38,43,66,67 S Phrases S36/37,02,13,43A,51,62

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

> <u>% m/m</u> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

>20 % 601-022-00-9 XYI FNF Xn 1330-20-7

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.

HARMFUL BY CONTACT. Potential sensitiser. Skin:

Eyes: Irritating.

Harmful. May cause lung damage if swallowed. Ingestion:

No carcinogenic, mutagenic or genetic effects established

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

**SECTION 4. FIRST AID MEASURES** 

Move to fresh air. In case of discomfort seek medical attention. Inhalation:

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. DO NOT INDUCÉ VOMITING. Get immediate medical attention. Ingestion:

**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



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:** CAS No. <u>OEL</u> **OEL** STOEL STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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:** 2-H-E PPE : Respirator and Eye protection.

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: Avoid direct contact. Use barrier cream and impervious gloves.

**Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** Observe the rules of hygiene. Wash before eating or drinking.

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

Skin Sensitiser









# 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







**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.



### **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)



# **9285 : CLEAN BLUE**





**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9285 Product Name: METALUX 2 CLEAN BLUE

Not applicable Not applicable CAS No.: EC No.: **UN No.:** 1263

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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**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> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

1330-20-7 601-022-00-9 XYI FNF >20 % Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

No carcinogenic, mutagenic or genetic effects established

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

**SECTION 4. FIRST AID MEASURES** 

Move to fresh air. In case of discomfort seek medical attention. Inhalation:

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



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** 

**XYLENE** 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

Skin: Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 9.3 Packing Group III





**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.



### **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)



## **9286 : VIOLET**





**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9286 Product Name: METALUX 2 VIOLET

Not applicable **UN No.**: 1263 CAS No.: EC No.: Not applicable

**SOUTH AFRICA UNITED STATES OF AMERICA AUSTRALIA** 

**Company Name:** Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc. 320 South Coast Road 52-54 Chard Road 9287 Smucker Road Address:

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 44667

+27 31 450-8800 Telephone: +61 02 9907 1425 800-328-4892 (Toll Free) +27 31 450-8930 +61 02 9907 1465 001 3306693965 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

techservice@chemspec.co.za techservice@chemspec.co.za www.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> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

1330-20-7 601-022-00-9 **XYLENE** >20 % Xn

#### **SECTION 3.** HAZARDS IDENTIFICATION

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

Irritating, narcotic. Can affect CNS. Inhalation: Irritating, risk of dermatitis. May be absorbed. Skin:

Eyes: Irritating.

Irritating and nauseating Ingestion:

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



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** 

**XYLENE** 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III





**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 Harmful : May cause lung damage if swallowed.

R38 - Irritating to the skinR67 - 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.



### 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)



# 9287: GREEN YELLOW









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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA Chempany Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products InAddress:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

 #AZARDOUS AND/OR OTHER RELEVANT COMPONENTS
 \*\*EC Labels
 CAS No.
 EC No.

 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.



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:** CAS No. **OEL OEL** STOEL STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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: 1-H-E PPE : Respirator and Eye protection.

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: AVOID CONTACT. Use impervious gloves, apron and boots.

**Eyes:** Use goggles. Avoid direct contact.

**Ingestion:** Observe the rules of hygiene. Wash before eating or drinking.

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
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

**Kemler Code** 

Shipping Name PAINT or PAINT RELATED MATERIAL

IMO Class 3.3 IMO Subsid 9 Packing Group Action Code 127 HazChem 3[Y]





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**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 specdial instruction before use





Toxic

#### **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)



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# **9288 : FAST YELLOW**





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**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Name: METALUX 2 FAST YELLOW Product Code: 9288

Not applicable CAS No.: EC No.: Not applicable **UN No.:** 1263

**SOUTH AFRICA UNITED STATES OF AMERICA AUSTRALIA Company Name:** Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

320 South Coast Road 52-54 Chard Road 9287 Smucker Road Address: Rossburgh

Brookvale, NSW Orrville, Ohio Durban 4094 44667

+27 31 450-8800 800-328-4892 (Toll Free) Telephone: +61 02 9907 1425 +27 31 450-8930 +61 02 9907 1465 001 3306693965 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za www.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> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

1330-20-7 601-022-00-9 XYI FNF >20 % Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS. Irritating, risk of dermatitis. May be absorbed. Skin:

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

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



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** 

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30



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**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.



### 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)



# 9289 : OCHRE





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road<br/>Rossburgh52-54 Chard Road<br/>Brookvale, NSW9287 Smucker Road<br/>Orrville, Ohio

Durban 4094 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 techservice@chemspec.co.za techservice@chemspec.co.za

www.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

SECTION 3. HAZARDS IDENTIFICATION

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

Inhalation:
Skin:

Irritating, narcotic. Can affect CNS.
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



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** 

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III





**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

**S62** 

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

\*

Harm

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### **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)



# 9290: REDDISH BLUE





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Address: 320 South Coast Road 52-54 Chard Road 9287 Smucker Road Rossburgh Brookvale, NSW 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 techservice@chemspec.co.za techservice@chemspec.co.za www.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

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



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** 

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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.



## **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.



# **9291: SCARLET**





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Address: 320 South Coast Road 52-54 Chard Road 9287 Smucker Road Rossburgh Brookvale, NSW Orrville, Ohio

Durban 4094 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 techservice@chemspec.co.za techservice@chemspec.co.za www.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

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



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

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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

\$62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.



## **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.



# 9292 : YELLOW GREEN





**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9292 Product Name: METALUX 2 YELLOW GREEN

Not applicable CAS No.: EC No.: Not applicable **UN No.:** 1263

**SOUTH AFRICA AUSTRALIA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094 +27 31 450-8800

Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

001 3306693965

techservice@chemspec.co.za techservice@chemspec.co.za

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS** 

**Chemical Class:** PAINT or PAINT RELATED

Classification: - Xn R Phrases R10,20/21,65,38,66,67 S Phrases S36/37,02,13,43A,51,62

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

> <u>% m/m</u> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

1330-20-7 601-022-00-9 XYI FNF >20 % Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

No carcinogenic, mutagenic or genetic effects established

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

**SECTION 4. FIRST AID MEASURES** 

Move to fresh air. In case of discomfort seek medical attention. Inhalation:

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



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

XYLENE 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class 3.3 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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

\$62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.



## **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.



**UN No.:** 1263

# 9293 : PINK





PRODUCT AND COMPANY IDENTIFICATION **SECTION 1.** 

Product Code: 9293 Product Name: METALUX 2 PINK Not applicable Not applicable CAS No.: EC No.:

**SOUTH AFRICA** 

52-54 Chard Road

Brookvale, NSW

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** Chemspec Coating (Pty) Ltd

Montana Products Inc. 9287 Smucker Road Orrville, Ohio

44667

800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

001 3306693965

techservice@chemspec.co.za techservice@chemspec.co.za

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS** 

**Chemical Class:** PAINT or PAINT RELATED

Classification: - Xn R Phrases R10,20/21,65,38,66,67 S Phrases S36/37,02,13,43A,51,62

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

> <u>% m/m</u> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

1330-20-7 601-022-00-9 XYI FNF >20 % Xn

**SECTION 3.** HAZARDS IDENTIFICATION

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

Inhalation: Irritating, narcotic. Can affect CNS.

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

Eyes: **Irritating** 

Irritating and nauseating. Ingestion:

No carcinogenic, mutagenic or genetic effects established

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

**SECTION 4. FIRST AID MEASURES** 

Move to fresh air. In case of discomfort seek medical attention. Inhalation:

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



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

**XYLENE** 1330-20-7 435 100 650. 150. RL+S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 OF PAINT RELATED MATERIAL IMO Class Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**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.



## **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.



# 8751-222 : 2K HF CLEARCOAT





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio
Durban 4094 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 techservice@chemspec.co.za techservice@chemspec.co.za www.chemspec.co.za

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED

Classification: - Xn R Phrases R10,20/21,65,36/38,67 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

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



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

**XYLENE** 1330-20-7 435 100 650. 150. RL+ S

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





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.



## **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.



# 9090-222 : 2K MS CLEARCOAT







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9090-222 Product Name: METALUX 2 2K MS CLEARCOAT

CAS No.: Not applicable 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 UNITED STATES OF AMERICA

Chemspec Coating (Pty) Ltd
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<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u>

### 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

**EC Labels** EC No. <u>% m/m</u> CAS No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS >12.5 % 601-022-00-9 **XYLENE** Χn 1330-20-7 >1 % HYDROXYPHENYLBENZOTRIAZ DERIV 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. Systenic 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



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 STOEL OTHER RELEVANT COMPONENTS:** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **XYLENE** 1330-20-7 435 100 650. 150. RL+S HYDROXYPHENYLBENZOTRIAZ DERIV 1.0 S n-BUTYL ACETATE 123-86-4 150. 950 200 RL 710. **ETHYL-3-ETHOXYPROPIONATE** 100 000763-69-9 50

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

Inhalation:

In case of insufficient ventilation, use suitable respiratory protection.

Skin:

Avoid direct conjtact. Use barrier cream and impervious gloves.

**Eyes:** Use face shield or goggles. Avoid direct contact.

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

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

Skin sensitiser









## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:Viscous liquidOdour:PungentBoiling Point:>35°CFlash 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 OF PAINT RELATED MATERIAL IMO Class Packing Group III

Action Code 127 HazChem 3[Y] Kemler Code 30







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!

If swallowed seek medical advice immediately and show this container or label.

S51 - Use only in well ventilated areas



### 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.



# 1155-222: BASECOAT THINNERS





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio
Durban 4094 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

Facsimile: +27 31 450-8930 +61 02 9907 1465 001 3306693965

Contact: Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS >20 % **XYLENE** 1330-20-7 601-022-00-9 Xn 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



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **N-BUTANOL** 71-36-3 150 50 150 50 RL S **XYLENE** 1330-20-7 435 100 650. 150. RL+S n-BUTYL ACETATE 123-86-4 950 RL 710. 150. 200

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use respiratory protection.

Skin: Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles. Avoid direct contact.

Ingestion: 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 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





EC No.: n/a Contains: XYLENE

R Phrases R10,20/21,65,38,66,67 - Xn S Phrases S36/37,02,13,43A,51,62

R10 Flammable

R20/21 Harmful by inhalation and contact with the skin Harmful: May cause lung damage if swallowed. **R65** 

**R38** Irritating to the skin

**R66** Repeated exposure may cause skin drying or cracking

Vapours may cause drowsiness and dizziness. **R67** S36/37 Wear suitable protective clothing and gloves

S13

Keep away from food, drink and animal feeding stuffs
In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

**S51** Use only in well ventilated areas

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. **S62** 



#### **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.



techservice@chemspec.co.za

# **1159-222: 2K THINNERS NORMAL**





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW 9287 Smucker Road

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Contact: 427 31 450-8930 +61 02 9907 1465 001 3306693965

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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-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



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:** CAS No. **OEL STOEL** STOEL **OEL** <u>OEL</u> (mg/m3) (ppm) (mg/m3) (PPM) Туре **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:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use respiratory protection.

Skin: Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30



269



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.



## **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.



## 1171-222 : 2K THINNERS SLOW





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio
Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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

 HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS
 EC Labels
 CAS No.
 EC No.

 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



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL <u>OEL</u> (mg/m3) (ppm) (mg/m3) (PPM) Туре **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:** 2-H-E PPE : Respirator and Eye protection.

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: AVOID CONTACT. Use impervious gloves, apron and boots.

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

**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking.

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 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





EC No.: n/a Contains: XYLENE, 2-METHOXY-1-METHLETHYL ACETATE

- Xn R Phrases R10,20/21,65,36/38 S Phrases S36/37,02,13,43A,51,62

R10 Flammable

R20/21 Harmful by inhalation and contact with the skin Harmful: May cause lung damage if swallowed. **R65** 

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

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice In case of fire, use water fog, foam or powder - Do not use water jets! **S26** 

**S43A** 

**S51** Use only in well ventilated areas

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. **S62** 



#### **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.



# 1174-222 : SUPER BLEND THINNERS







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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u>

www.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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS **XYLENE** >12.5 % 1330-20-7 601-022-00-9 Xn **TOLUENE** >12.5 % F Xn 108-88-3 601-021-00-3 2-METHOXY-1-METHYLETHYL ACETATE >20 % Χi 607-195-00-7 108-65-6 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:** 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



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 200 RL 123-86-4 710. 150. 950

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

Inhalation:

In case of insufficient ventilation, use suitable respiratory protection.

Skin:

Avoid direct contact. Use barrier cream and impervious gloves.

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

**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking.

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 3.2 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30





**EC No.:** - n/a Contains: XYLENE, TOLUENE, 2-METHOXY-1-METHLETHYL ACETATE

- 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.





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.



# **1177-222 : 2K THINNERS FAST**







**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

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

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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 R11,20,65,36,66,67 S Phrases S02,13,16,26,43A,51,62

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

	<u>% m/m</u>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS TOLUENE ETHYL ACETATE n-BUTYL ACETATE	>12.5 % >20 % : %	F Xn F Xi	108-88-3 141-78-6 123-86-4	601-021-00-3 607-022-00-5 607-025-00-1

#### **SECTION 3.** HAZARDS IDENTIFICATION

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

Irritating, narcotic. Can affect CNS. Inhalation:

Skin: HARMFUL BY CONTACT.

Eves: 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.

Rinse well with plenty of water. Seek medical advice. Eyes:

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**



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:** CAS No. <u>OEL</u> **OEL** STOEL STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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. 950 200 RL 150.

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: Avoid direct contact. Use barrier cream and impervious gloves.

**Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking.

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 3.2 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30





**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.





### **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.



# **8750-222 : 2K HARDENER FAST**







**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

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd 320 South Coast Road Address:

Rossburgh

Durban 4094 +27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465

001 3306693965

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 R11,20/21,65,38,66,67 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS XYLENE BUTANONE HEXAMETHYLENE DI-ISOCYANATE	>20 % <20 % <.5 %	Xn F Xi T	1330-20-7 78-93-3 822-06-0	601-022-00-9 606-002-00-3 615-011-00-1

#### **SECTION 3.** HAZARDS IDENTIFICATION

**SAPMA Health Rating:** 2-MODERATE - Temporary or minor injury possible even if treatment given HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects. Inhalation:

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

Eves: 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

Rinse immediately with plenty of water. Seek medical advice. Eyes:

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**



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:** CAS No. **OEL STOEL** STOEL **OEL** <u>OEL</u> (mg/m3) (ppm) (mg/m3) (PPM) Туре **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:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Skin: Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 3.2 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30





**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 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.





## **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.



techservice@chemspec.co.za

# **8767-222 : 2K HARDENER MEDIUM**





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 44667

**Telephone:** +27 31 450-8800 +61 02 9907 1425 800-328-4892 (Toll Free) +27 31 450-8930 +61 02 9907 1465 001 3306803965

Facsimile: +27 31 450-8930 +61 02 9907 1465 001 3306693965

Contact: Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS >20 % 601-022-00-9 1330-20-7 **XYLENE** Xn SOLVENT NAPHTHA LIGHT AROM (ARO1) >10 % Xn 64742-95-6 649-356-00-4 HEXAMETHYLENE DI-ISOCYANATÈ <.5 % 615-011-00-1 822-06-0

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating:
Inhalation:
Skin:

2-MODERATE - Temporary or minor injury possible even if treatment given HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.
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 plently 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



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:** CAS No. **OEL** STOEL STOEL **OEL** <u>OEL</u> (mg/m3) (ppm) (mg/m3) (PPM) Туре **XYLENE** 1330-20-7 435 100 650. 150. RL+S **SOLVENT NAPHTHA LIGHT AROM (ARO1)** 64742-95-6 1200 RL HEXAMETHYLENE DI-ISOCYANATÈ 822-06-0 0.005 0.034 0.034 CL

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

**Skin:** AVOID CONTACT. Use impervious gloves, apron and boots.

**Eyes:** Use goggles. Avoid direct contact.

**Ingestion:** Observe the rules of hygiene. Wash before eating or drinking.

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 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**EC No.:** - n/a Contains: XYLENE, SOLVENT NAPHTHA LIGHT AROM (ARO1)

- 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.



## **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)



## **9072-222 : 2K HARDENER SLOW**





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio
Durban 4094 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: +27 31 450-8930 +61 02 9907 1465 001 3306693965 Contact:

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS 2-BUTOXY ETHYL ACETATE >20 % 112-07-2 607-038-00-2 Xn **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 HEXAMETHYLENE DI-ISOCYANATE 615-011-00-1 <.5 % 822-06-0 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 HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.

Skin: HARMFUL BY CONTACT. Maybe absorbed.

Eyes: Irritating. 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 attentionimmediately.

**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.



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 150. RL 123-86-4 710. 950 200

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

**Skin:** Avoid direct contact. Use barrier cream and impervious gloves.

**Eyes:** Use goggles. Avoid direct contact.

Ingestion: 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

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

#### SECTION 14. TRANSPORT INFORMATION

UN Number 1263

Shipping Name PAINT OF PAINT RELATED MATERIAL IMO Class Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





**EC No.:** - n/a Contains : 2-BUTOXY ETHYLACETATE

**- Xn** - R Phrases R10,20/21,66,67 S Phrases 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!

- If swallowed seek medical advice immediately and show this container or label.

**S51** - Use only in well ventilated areas



## **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 Date of analysis : 15/03/2007)



techservice@chemspec.co.za

# 9335-222: 2K HARDENER EXPRESS







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9335-222 Product Name: METALUX 2 2K HARDENER EXPRESS

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA
AUSTRALIA
UNITED STATES OF AMERICA
Chambara Chamber Chambara C

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker RoadRossburghBrookvale, NSWOrrville, Ohio

Rossburgh Brookvale, NSW 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS **XYLENE** >20 % 1330-20-7 601-022-00-9 Xn **BUTANONE** <20 % F Xi 78-93-3 606-002-00-3 HEXAMETHYLENE DI-ISOCYANATE <.5 % 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 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.



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 0.034 0.034 CL 0.005 ETHYL-3-ETHOXYPROPIONATE 000763-69-9 50 100

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Skin: Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 3.2 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30





**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 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.





## **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)



## 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

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 UNITED STATES OF AMERICA

Chemspec Coating (Pty) Ltd
Montana Products Inc.
52-54 Chard Road
Brookvale, NSW
Montana Products Inc.
9287 Smucker Road
Orrville, Ohio

44667

+61 02 9907 1425 800-328-4892 (Toll Free) +61 02 9907 1465 001 3306693965

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u>

## 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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS BUTANONE XYLENE TOLUENE HEXAMETHYLENE DI-ISOCYANATE	>20 %	F Xi	78-93-3	606-002-00-3
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<.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 HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.

Skin: Irritating. Risk of dermatitis.

**Eyes:** Irritating. 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 plently 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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **BUTANONE** 78-93-3 590. 200. 885 300 RL+ **XYLENE** 1330-20-7 435 100 650. 150. RL+S **TOLUENE** 108-88-3 188 560 150 RL+S 50 **HEXAMETHYLENE DI-ISOCYANATE** 822-06-0 0.005 0.034 0.034 CI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Skin: Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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

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





**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





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)



# **9091-222 : 2K MS HARDENER FAST**







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9091-222 **Product Name: METALUX 2** 2K MS HARDENER FAST

Not applicable CAS No.: Not applicable EC No.: **UN No.:** 1263

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd Address:

320 South Coast Road Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

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

44667

techservice@chemspec.co.za

800-328-4892 (Toll Free)

Montana Products Inc.

9287 Smucker Road

Orrville, Ohio

001 3306693965

**UNITED STATES OF AMERICA** 

#### **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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS BUTANONE XYLENE TOLUENE HEXAMETHYLENE DI-ISOCYANATE	>20 %	F Xi	78-93-3	606-002-00-3
	<12.5 %	Xn	1330-20-7	601-022-00-9
	<12.5 %	F Xn	108-88-3	601-021-00-3
	<.5 %	T	822-06-0	615-011-00-1

#### **SECTION 3.** HAZARDS IDENTIFICATION

2-MODERATE - Temporary or minor injury possible even if treatment given **SAPMA Health Rating:** HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects. Inhalation:

Skin: Irritating. Risk of dermatitis.

Eves: 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.

Rinse immediately with plently of water. Seek medical advice. Eyes:

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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **BUTANONE** 78-93-3 590. 200. 885 300 RL+ **XYLENE** 1330-20-7 435 100 650. 150. RL+S **TOLUENE** 108-88-3 188 560 150 RL+S 50 **HEXAMETHYLENE DI-ISOCYANATE** 822-06-0 0.005 0.034 0.034 CI

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Skin: Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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

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





**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





## 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)



techservice@chemspec.co.za

## **9092-222 : 2K MS HARDENER MEDIUM**







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9092-222 Product Name: METALUX 2 2K MS HARDENER MEDIUM

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

320 South Coast Road 52-54 Chard Road 9287 Smucker Road Rossburgh Brookvale, NSW Orrville, Ohio 44667

techservice@chemspec.co.za

 Telephone:
 +27 31 450-8800
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 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

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

**EC Labels** % m/m CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS **XYLENE** <12.5 % 1330-20-7 601-022-00-9 Xn **BUTANONE** <20 % F Xi 78-93-3 606-002-00-3 HEXAMETHYLENE DI-ISOCYANATE 822-06-0 <.5 % 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 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.



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 0.034 0.034 CL 0.005 **ETHYL-3-ETHOXYPROPIONATE** 000763-69-9 50 100

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

**Skin:** Avoid direct contact. Use barrier cream and impervious gloves.

**Eyes:** Use goggles. Avoid direct contact.

Ingestion: 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 3.2 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30





EC No.:

R Phrases R11,20,66,67 F Xn S Phrases S02,13,16,43A,46,51

Highly flammable R11 **R20** Harmful by inhalation

Repeated exposure may cause skin drying or cracking **R66 R67** Vapours may cause drowsiness and dizziness. Keep out of reach of children. (Retail sales items) S2 Keep away from food, drink and animal feeding stuffs **S13 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!

If swallowed seek medical advice immediately and show this container or label. **S46** 

**S51** Use only in well ventilated areas





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)



# 9093-222 : 2K MS HARDENER SLOW







SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9093-222 Product Name: METALUX 2 2K MS HARDENER SLOW

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA AUSTRALIA Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd UNITED STATES OF AMERICA Montana Products Inc.

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road<br/>Rossburgh52-54 Chard Road<br/>Brookvale, NSW9287 Smucker Road<br/>Orrville, Ohio

Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

## 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

**EC Labels** % m/m CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS **XYLENE** <12.5 % 1330-20-7 601-022-00-9 Xn **BUTANONE** <20 % F Xi 78-93-3 606-002-00-3 <.5 % HEXAMETHYLENE DI-ISOCYANATE 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 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.



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **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 0.034 0.034 CL 0.005 **ETHYL-3-ETHOXYPROPIONATE** 000763-69-9 50 100

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

**Skin:** Avoid direct contact. Use barrier cream and impervious gloves.

Eyes: Use goggles. Avoid direct contact.

Ingestion: 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 liquidOdour: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





EC No.:

R Phrases R11,20,66,67 F Xn S Phrases S02,13,16,43A,46,51

Highly flammable R11 **R20** Harmful by inhalation

Repeated exposure may cause skin drying or cracking **R66 R67** Vapours may cause drowsiness and dizziness. Keep out of reach of children. (Retail sales items) S2 Keep away from food, drink and animal feeding stuffs **S13 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!

If swallowed seek medical advice immediately and show this container or label. **S46** 

**S51** Use only in well ventilated areas





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)



# 8786-222 : ETCH FILLER PRIMER











**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8786-222 **Product Name: METALUX 2** ETCH FILLER PRIMER

CAS No.: Not applicable EC No.: Not applicable **UN No.:** 1263

**SOUTH AFRICA** Chemical Specialities (Pty) Ltd Company Name:

320 South Coast Road Rossburgh

Durban 4094 +27 31 450-8800

Telephone: Facsimile: +27 31 450-8930 Contact:

Address:

**Group Technical Manager** 

techservice@chemspec.co.za www.chemspec.co.za

**AUSTRALIA UNITED STATES OF AMERICA** Montana Products Inc.

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

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800-328-4892 (Toll Free)

001 3306693965

Orrville, Ohio

44667

9287 Smucker Road

techservice@chemspec.co.za

#### **SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical Class:** PAINT or PAINT RELATED

Classification: FTN R Phrases R45,11,22,41,43,66,67,50/53 S Phrases S01/02,36/37/39,13,16,26,43A

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

	<u>% m/m</u>	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%	TN		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.

Highly irritating and risk of irreversible damage. Eves:

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.

Wash mouth with plenty of water. Do NOT induce vomiting. Refer immediately to Doctor. Ingestion:

#### **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.



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: STOEL** CAS No. **OEL OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **PROPYL ALCOHOL N & 1-OL** 71-23-8 1200. RL S 500. 625 250 **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)

1-H-E PPE : Respirator and Eye protection **SAPMA Rating:** 

In case of insufficient ventilation, use suitable respiratory protection. Inhalation: Skin: Avoid direct contact. Use barrier cream and impervious gloves. Use goggles. Avoid direct contact.

Eyes:

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

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

Skin Sensitiser









#### **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.	
I OLU I IUI I I II.	TRANSPORT INFORMATION

**UN Number** 1263

Kemler Code

**Shipping Name** PAINT or PAINT RELATED MATERIAL **IMO Subsid** 

IMO Class 3.2 **Action Code** 127 HazChem 3[Y]E **Packing Group** Ш





30



EC No.: - n/a Contains: PROPYL ALCOHOL N & 1-OL, SOLVENT NAPHTHA LIGHT AROM (ARO1), ZINC

CHROMATE PIGMENT incl Zn Pot.carc1

**FTN** - 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 plently 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







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) 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)



## 8787-222: ACTIVATOR FOR ETCH PRIMER









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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Only Name: Chamical Specialities (Ptv) Ltd. Champage Coating (Ptv) Ltd. Mentage Products Inc.

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road<br/>Rossburgh52-54 Chard Road<br/>Brookvale, NSW9287 Smucker Road<br/>Orrville, Ohio

Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

## 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

	<u>% m/m</u>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS METHANOL ETHYL ALCOHOL n-BUTYL ACETATE ORTHO-PHOSPHORIC ACID-CONC	>3 % : % : % >10 %	FT F	67-56-1 64-17-5 123-86-4 7664-38-2	603-001-00-X 603-002-00-5 607-025-00-1 015-011-00-6

## 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. 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.



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **METHANOL** 67-56-1 260 200 310 250 RL+S **ETHYL ALCOHOL** 64-17-5 1900 1000. RLn-BUTYL ACETATE 123-86-4 150. 950 200 RL 710. **ORTHO-PHOSPHORIC ACID-CONC** 7664-38-2 RL 'S' = Skin annotation) (CL/RL = Controlled/Recommended level

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use goggles. Avoid direct contact.

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

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







**Packing Group** 



## 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
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UN Number 2924

Shipping Name FLAMMABLE LIQUID, CORROSIVE, N.O.S.

Contains Methanol AND Ortho-phosphoric acid - conc

8

**IMO Subsid** 

 IMO Class
 3.2

 Action Code
 153

 HazChem
 3WE

 Kemler Code
 38







EC No.: n/a Contains: METHANOL R Phrases R40,11,20/21/22,66,67 F Xn R40 Limited evidence of a corcinogenic effect.

S Phrases S36/37,02,13,16,43A,46,51

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 drowiness and dizziness. Wear suitable protective clothing and gloves S36/37 S02 Keep out of reach of children. (Retail sales items) S13 Keep away from food, drink and animal feeding stuffs Keep away from sources of ignition - No smoking **S16** 

In case of fire, use water fog, foam or powder - Do not use water jets!

If swallowed seek medical advice immediately and show this container or label **S43A** 

**S46** 

**S51** Use only in well ventilated areas





#### **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.

> (Date of issue: 15/03/2007 Date of analysis: 15/03/2007)



## 8797-222 : 2K TINTING FILLER PRIMER









**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8797-222 **Product Name: METALUX 2** 2K TINTING FILLER PRIMER

**UN No.:** 1263 CAS No.: Not applicable EC No.: Not applicable

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

001 3306693965

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS ZINC (ORTHO) PHOSPHATE >2.5 % 7779-90-0 Ν **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 n-BUTYL ACETATE 607-025-00-1 : % 123-86-4

#### **SECTION 3.** HAZARDS IDENTIFICATION

**SAPMA Health Rating:** 3-SLIGHT - Irritation or minor reversible injury possible Excessive exposure must be avoided. Treat as nuisance dust. Inhalation: Skin: Excessive contact can be detrimental to health. Eves: 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

Rinse immediately with plenty of water. Get medical attention if discomfort persists. Eyes:

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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре ZINC (ORTHO) PHOSPHATE 7779-90-0 10/4 T/R **XYLENE** 1330-20-7 435 100 650. 150. RL+S n-BUTYL ACETATE 123-86-4 950 200 RL 710. 150.

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

**SAPMA Rating:** 3-H-E PPE : Respirator and Eye protection

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves.

Eyes: Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.

**Ingestion:** 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 liquidOdour: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







EC No.: n/a Contains:

R Phrases R11,66,67,50/53 FΝ S Phrases S16,43A,51,56,59

R11 Highly flammable

**R66** Repeated exposure may cause skin drying or cracking

Vapours may cause drowsiness and dizziness. **R67** 

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
In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

**S51** Use only in well ventilated areas

**S56** Do not discharge into drains or the environment, dispose to an authorised waste collection point

Refer to manufacturer/supplier for information on recovery/recycling **S59** 





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)



## 8823-222: 1K ETCH FILLER PRIMER











SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8823-222 Product Name: METALUX 2 1K ETCH FILLER PRIMER

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW 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 1425 600-326-4892 (1011 F169)

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

www.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>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS PROPYL ALCOHOL N & 1-OL N-BUTANOL ZINC (ORTHO) PHOSPHATE TOLUENE	>10 %	F Xi	71-23-8	603-003-00-0
	>5 %	Xn	71-36-3	603-004-00-6
	>2.5 %	N	7779-90-0	o
	<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.



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: STOEL** CAS No. <u>OEL</u> **OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **PROPYL ALCOHOL N & 1-OL** 71-23-8 500. 200. 625 250 RL S **N-BUTANOL** RL S 71-36-3 150 50 150 50 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:** 2-H-E PPE : Respirator and Eye protection

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

Skin: Use barrier cream and impervious gloves.

Eyes: Use goggles. Avoid direct contact.

Ingestion: 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

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

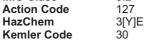
Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

## 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









**EC No.:** - n/a Contains: PROPYL ALCOHOL N & 10L, N-BUTANOL

**F Xi N** - R Phrases R11,41,66.67,50/53 S Phrases 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 sek 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

\$59 - Refer to manufacturer/supplier for information on recovery/recycling







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)



## **8852-222 : 1K GREY SPOT PRIMER**











SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 8852-222 Product Name: METALUX 2 1K GREY SPOT PRIMER

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

Company Name: SOUTH AFRICA Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Chemspec Chemspe

Address: 320 South Coast Road Rossburgh Schedules (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

See Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

See Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

Montana Pro

Durban 4094 44667 **Telephone**: +27 31 450-8800 +61 02 9907 1425 800-328-4892 (Toll Free)

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 +27 31 450-8930
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 001 3306693965

 Contact:
 Group Technical Manager

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS >10 % XPROPYL ALCOHOL N & 1-OL F Xi 71-23-8 603-003-00-0 N-BUTANOL >5 % Xn 71-36-3 603-004-00-6 >2.5 % ZINC (ORTHO) PHOSPHATE 7779-90-0 N **TOLUÈNE** >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.



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**

CAS No.	<u>OEL</u> (mg/m3)	OEL (ppm)	STOEL (mg/m3)	STOEL (PPM)	OEL Type
71-23-8	500.	200.	625	250	RL S
71-36-3	150	50	150	50	RL S
7779-90-0	10/4				T/R
108-88-3	188	150	560	150	RL+S
	71-23-8 71-36-3 7779-90-0	71-23-8 500. 71-36-3 150 7779-90-0 10/4	71-23-8 500. 200. 71-36-3 150 50 7779-90-0 10/4	71-23-8 500. 200. 625 71-36-3 150 50 150 7779-90-0 10/4	(mg/m3)         (ppm)         (mg/m3)         (PPM)           71-23-8         500.         200.         625         250           71-36-3         150         50         150         50           7779-90-0         10/4         50         150         50

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection

In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves.

Eyes: Use goggles. Avoid direct contact.

Ingestion: 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 liquidOdour:PungentBoiling Point:>35°CFlash Point:<23°C (derived)</th>

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.

UN Number 1263

Kemler Code

Shipping Name PAINT or PAINT RELATED MATERIAL

IMO Class 3.2 IMO Subsid 9 Packing Group II
Action Code 127
HazChem 3[Y]E







**EC No.:** - n/a Contains : PROPYL ALCOHOL N & 1-OL, N-BUTANOL

**F Xi N** - R Phrases R11,41,66.67,50/53 S Phrases 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!

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

\$59 - Refer to manufacturer/supplier for information on recovery/recycling







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)



## 9334-222 : HS 2K BEIGE FILLER PRIMER









**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

METALUX 2 HS 2K BEIGE FILLER PRIMER Product Code: 9334-222 **Product Name:** 

Not applicable **UN No.:** 1263 CAS No.: EC No.: Not applicable

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address:

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

44667

800-328-4892 (Toll Free) +61 02 9907 1425 +61 02 9907 1465

001 3306693965

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS ZINC (ORTHO) PHOSPHATE >2.5 % 7779-90-0 Ν **XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 n-BUTYL ACETATE 607-025-00-1 : % 123-86-4

#### **SECTION 3.** HAZARDS IDENTIFICATION

**SAPMA Health Rating:** 3-SLIGHT - Irritation or minor reversible injury possible Excessive exposure must be avoided. Treat as nuisance dust. Inhalation: Skin: Excessive contact can be detrimental to health. Eves: 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

Rinse immediately with plenty of water. Get medical attention if discomfort persists. Eyes:

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.



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре ZINC (ORTHO) PHOSPHATE 7779-90-0 10/4 T/R **XYLENE** 1330-20-7 435 100 650. 150. RL+S n-BUTYL ACETATE 123-86-4 950 200 RL 710. 150.

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

**SAPMA Rating:** 3-H-E PPE : Respirator and Eye protection

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves.

Eyes: Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.

**Ingestion:** 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 liquidOdour: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
I SECTION 14.	I KANSPUK I INFURINATION

UN Number 1263

Shipping Name PAINT or PAINT RELATED MATERIAL

IMO Class 3.3 IMO Subsid 9 Packing Group Action Code 127 HazChem 3[Y] Kemler Code 30



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#### SECTION 15. **REGULATORY INFORMATION**

EC No.: n/a Contains:

R Phrases R11,66,67,50/53 FΝ S Phrases S16,43A,51,56,59

Highly flammable R11

**R66** Repeated exposure may cause skin drying or cracking Vapours may cause drowsiness and dizziness. **R67** 

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
In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

**S51** Use only in well ventilated areas

**S56** Do not discharge into drains or the environment, dispose to an authorised waste collection point

Refer to manufacturer/supplier for information on recovery/recycling **S59** 





#### 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)



# 9339-222 : HS 2K GREY FILLER PRIMER









**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

METALUX 2 HS 2K GREY FILLER PRIMER Product Code: 9339-222 **Product Name:** 

**UN No.:** 1263 CAS No.: Not applicable EC No.: Not applicable

**SOUTH AFRICA** 

**Company Name:** Address:

Chemical Specialities (Pty) Ltd 320 South Coast Road

Rossburgh Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

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Montana Products Inc.

9287 Smucker Road

**UNITED STATES OF AMERICA** 

001 3306693965

Orrville, Ohio

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

> **EC Labels** <u>% m/m</u> CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

ZINC (ORTHO) PHOSPHATE

>2.5 % 7779-90-0 Ν

**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 Excessive exposure must be avoided. Treat as nuisance dust. Inhalation: Skin: Excessive contact can be detrimental to health. Eves: 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

Rinse immediately with plenty of water. Get medical attention if discomfort persists. Eyes:

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.



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: CAS No. **OEL OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре 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:** 3-H-E PPE: Respirator and Eye protection

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: Use barrier cream and impervious gloves.

Eyes: Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.

Ingestion: 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 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

#### **DISPOSAL INFORMATION SECTION 13.**

Minimal hazard. No problems contemplated in disposal. Exercise caution when disposing of used containers.

#### **SECTION 14.** TRANSPORT INFORMATION

**UN Number** 1263

**Kemler Code** 

**Shipping Name** PAINT or PAINT RELATED MATERIAL

**IMO Class** 3.3 **Action Code** 127 HazChem 3[Y]







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#### SECTION 15. **REGULATORY INFORMATION**

EC No.: n/a Contains:

R Phrases R11,66,67,50/53 FΝ S Phrases S16,43A,51,56,59

R11 Highly flammable

**R66** Repeated exposure may cause skin drying or cracking Vapours may cause drowsiness and dizziness. **R67** 

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
In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

**S51** Use only in well ventilated areas

**S56** Do not discharge into drains or the environment, dispose to an authorised waste collection point

Refer to manufacturer/supplier for information on recovery/recycling **S59** 





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)



# 2K HS FILLER PRIMER TONERS









**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9341- WHITE, 9342 - BLACK, 9343 - RED, 9344 - BLUE, 9345 - YELLOW 9346 - GREEN **UN No.:** 1263

CAS No.: Not applicable EC No.: Not applicable

**SOUTH AFRICA** 

Chemical Specialities (Pty) Ltd Company Name: Address:

320 South Coast Road

Rossburgh Durban 4094

Telephone: +27 31 450-8800 +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**AUSTRALIA** 

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

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**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 N R Phrases R11,66,67,50/53 S Phrases S16,43A,51,56,59

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

> **EC Labels** EC No. % m/m CAS No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

ZINC (ORTHO) PHOSPHATE >2.5 % 7779-90-0 Ν

**XYLENE** <12.5 % Xn 1330-20-7 601-022-00-9 607-025-00-1 n-BUTYL ACETATE : % 123-86-4

#### **SECTION 3.** HAZARDS IDENTIFICATION

**SAPMA Health Rating:** 3-SLIGHT - Irritation or minor reversible injury possible Excessive exposure must be avoided. Treat as nuisance dust. Inhalation: Excessive contact can be detrimental to health. Skin:

Eyes: Particulates may scratch eye or cause mechanical irritation.

No direct hazard expected but exercise caution. Ingestion:

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.

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

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.

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

Contain & collect.

325



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: STOEL** CAS No. **OEL OEL STOEL OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре ZINC (ORTHO) PHOSPHATE 7779-90-0 10/4 T/R **XYLENE** 1330-20-7 435 100 650. 150. RL+S n-BUTYL ACETATE 123-86-4 950 200 RL 710. 150.

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

**SAPMA Rating:** 3-H-E PPE : Respirator and Eye protection

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves.

Eyes: Avoid contact with dust. Use goggles. Never touch eyes with dirty hands or gloves.

**Ingestion:** 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 III
Action Code 127









#### SECTION 15. **REGULATORY INFORMATION**

EC No.:

FΝ R Phrases R11,66,67,50/53 S Phrases S16,43A,51,56,59

Highly flammable R11

**R66** Repeated exposure may cause skin drying or cracking

Vapours may cause drowsiness and dizziness. **R67** 

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
In case of fire, use water fog, foam or powder - Do not use water jets! **S43A** 

**S51** Use only in well ventilated areas

**S56** Do not discharge into drains or the environment, dispose to an authorised waste collection point

Refer to manufacturer/supplier for information on recovery/recycling **S59** 





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)



# 2008-222: ANTI SILICONE SOLUTION





SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 2008-222 Product Name: METALUX 2 ANTI SILICONE SOLUTION

CAS No.: Not applicable EC No.: Not applicable UN No.: 1263

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

ess: 320 South Coast Road 52-54 Chard Road 9287 Smucker Road Rossburgh Brookvale, NSW 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 techservice@chemspec.co.za techservice@chemspec.co.za www.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-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



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.

n-BUTYL ACETATE

**XYLENE** 

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR
OTHER RELEVANT COMPONENTS:

CAS No. **OEL** STOEL STOEL **OEL** <u>OEL</u> (mg/m3) (ppm) (mg/m3) (PPM) Туре 1330-20-7 435 100 650. 150. RL+S 123-86-4 710. 150. 950 200 RL

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

SAPMA Rating: 2-H-E PPE : Respirator and Eye protection

**Inhalation:** In case of insufficient ventilation, use respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 liquidOdour: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 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.



### **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)



# **8784-222 : ACCELERATOR**





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name: Chemical Specialities (Pty) Ltd Chemspec Coating (Pty) Ltd Montana Products Inc.

320 South Coast Road 52-54 Chard Road 9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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: 427 31 450-8930 +61 02 9907 1465 001 3306693965

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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> **EC Labels** CAS No. EC No. HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS >20 % 601-022-00-9 1330-20-7 **XYLENE** Xn DIBUTYL TIN COMPOUNDS (?=TRI) >.3 % ΤN NOS 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.



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.

n-BUTYL ACETATE

#### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS:** CAS No. <u>OEL</u> **OEL** STOEL STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **XYLENE** 1330-20-7 435 100 650. 150. RL+S **DIBUTYL TIN COMPOUNDS (?=TRI)** NOS 0.2 Sn s

123-86-4

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

950

200

RL

332

**SAPMA Rating:** 2-H-E PPE: Respirator and Eye protection.

In case of insufficient ventilation, use suitable respiratory protection. Inhalation: Skin: AVOID CONTACT. Use impervious gloves, apron and boots.

Eyes: Use face shield or goggles. Avoid direct contact.

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

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









710.

#### **SECTION 9.** PHYSICAL AND CHEMICAL PROPERTIES

Pungent Appearance: Viscous liquid Odour:

Flash Point: **Boiling Point:** >35°C >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 Packing Group** Ш 3.3

**Action Code** 127 HazChem 3[Y] **Kemler Code** 30





## 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.



## 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)



# 8794-222: MATTING BASE





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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED

Classification: - Xn R Phrases R10,65,66 S Phrases S02,13,,43A,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
 SOLVENT NAPHTHA LIGHT AROM (ARO1)
 >10 %
 Xn
 64742-95-6
 649-356-00-4

 XYLENE
 <12.5 %</td>
 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



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

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

**Inhalation:** In case of insufficient ventilation, use respiratory protection.

**Skin:** Use barrier cream and impervious gloves.

Eyes: Use face shield or goggles or full face respirator/hood. Avoid direct contact.

**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking.

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









# SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:Viscous liquidOdour: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 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





## 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.



### 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)



# 9020-222 : SILICONE REMOVER







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9020-222 **Product Name: METALUX 2** SILICONE REMOVER

CAS No.: Not applicable EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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001 3306693965

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 R11,65,36,67 S Phrases S02,13,16,43A,51,62

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

	<u>% m/m</u>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS LOW BPt NAPHTHA (Benz.<.1%) (SBP4) N-BUTANOL ISOBUTYL ALCOHOL	>10 % <5 % <5 %	F Xn Xn Xi	64742-82-1 71-36-3 78-83-1	649-330-00-2 603-004-00-6 603-108-00-1

#### **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.

Irritating. Eves:

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.



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:** CAS No. <u>OEL</u> **OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре 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 75 RL 150 50 225

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves.

Eyes: Use face shield & goggles or full face respirator/hood. Avoid direct contact.

**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking.

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 3.2 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 R Phrases R11,65,36,67 S Phrases S02,13,26,43A,51,62

R11 Highly flammable

**R65** Harmful: May cause lung damage if swallowed.

**R36** Irritating to the eyes

Vapours may cause drowsiness and dizziness. **R67** Keep out of reach of children. (Retail sales items) **S02** Keep away from food, drink and animal feeding stuffs **S13 S16** Keep away from sources of ignition - No smoking

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice In case of fire, use water fog, foam or powder - Do not use water jets! **S26** 

**S43A** 

**S51** Use only in well ventilated areas

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. **S62** 





#### **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)



# 9021-222 : PREKLEEN









**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9021-222 **Product Name: METALUX 2 PREKLEEN** 

CAS No.: Not applicable EC No.: **UN No.:** 1263 Not applicable

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd

320 South Coast Road Address: Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

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001 3306693965

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 R11,20/21,36,67 S Phrases S02,13,16,26,43A,46,51

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

	<u>% m/m</u>	EC Labels	CAS No.	EC No.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS SBP SOLVENT 2 N-BUTANOL ISOBUTYL ALCOHOL	>25 % <5 % <5 %	F XN Xn Xi	64742-48-9 71-36-3 78-83-1	603-004-00-6 603-108-00-1

#### **SECTION 3.** HAZARDS IDENTIFICATION

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

Irritating, narcotic. Can affect CNS. Inhalation:

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.

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

Rinse immediately with plenty of water. Seek medical advice if symptoms persist. Eyes: 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.



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: CAS No. **OEL OEL STOEL** STOEL **OEL** (mg/m3) (ppm) (mg/m3) (PPM) Туре **SBP SOLVENT 2** 164742-48-9 2500 200 S RL S **N-BUTANOL** 71-36-3 150 50 150 50 **ISOBUTYL ALCOHOL** 78-83-1 75 RL 150 50 225

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

**SAPMA Rating:** 2-H-E PPE : Respirator and Eye protection.

**Inhalation:** In case of insufficient ventilation, use suitable respiratory protection.

**Skin:** Use barrier cream and impervious gloves.

**Eyes:** Use face shield & goggles or full face respirator/hood. Avoid direct contact. **Ingestion:** 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 3.2 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30







#### **SECTION 15. REGULATORY INFORMATION**

EC No.: n/a Contains:

R Phrases R11,20/22,36,67 F Xn S Phrases S02,13,16,26,43A,46,51

Highly flammable R11

R20/22 Harmful by inhalation and if swallowed

Irritating to the eyes R36

Vapours may cause drowsiness and dizziness. **R67** Keep out of reach of children. (Retail sales items) S2 Keep away from food, drink and animal feeding stuffs **S13 S16** Keep away from sources of ignition - No smoking

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice In case of fire, use water fog, foam or powder - Do not use water jets! **S26** 

**S43A** 

**S46** If swallowed seek medical advice immediately and show this container or label

Use only in well ventilated areas **S51** 





#### **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)



# 3812-222 : SINGLE PACK POLYPROPYLENE CLEAR PRIMER







**SECTION 1.** PRODUCT AND COMPANY IDENTIFICATION

METALUX 2 SINGLE PACK POLYPROPYLENE CLEAR PRIMER Product Code: 3812-222 **Product Name:** 

CAS No.: Not applicable EC No.: Not applicable **UN No.:** 1263

**SOUTH AFRICA** 

**Company Name:** Chemical Specialities (Pty) Ltd 320 South Coast Road Address:

Rossburgh

Durban 4094

+27 31 450-8800 Telephone: +27 31 450-8930 Facsimile:

Contact: Group Technical Manager

techservice@chemspec.co.za

www.chemspec.co.za

**UNITED STATES OF AMERICA AUSTRALIA** 

Chemspec Coating (Pty) Ltd Montana Products Inc. 52-54 Chard Road 9287 Smucker Road Brookvale, NSW Orrville, Ohio

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001 3306693965

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 R11,20,65,66 S Phrases S02,13,16,43A,51,62

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

> <u>% m/m</u> **EC Labels** CAS No. EC No.

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

TOI UFNE F Xn 601-021-00-3 >12.5 % 108-88-3

**SECTION 3.** HAZARDS IDENTIFICATION

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

Irritating, narcotic. Can affect CNS. Inhalation:

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

Irritating. Eves:

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

Rinse immediately with plenty of water. Seek medical advice. Eyes:

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.



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** 

**TOLUENE** 108-388-3 188 50 560 150 RL+S

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

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

**Inhalation:** In case of insufficient ventilation, use respiratory protection.

**Skin:** Use barrier cream and impervious gloves. **Eyes:** Use face shield or goggles. Avoid direct contact.

**Ingestion:** 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 3.2 Packing Group II

 Action Code
 127

 HazChem
 3[Y]E

 Kemler Code
 30





## 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.





## **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)



# 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

SOUTH AFRICA AUSTRALIA UNITED STATES OF AMERICA

Company Name:Chemical Specialities (Pty) LtdChemspec Coating (Pty) LtdMontana Products Inc.Address:320 South Coast Road52-54 Chard Road9287 Smucker Road

Rossburgh Brookvale, NSW Orrville, Ohio Durban 4094 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

<u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>techservice@chemspec.co.za</u> <u>www.chemspec.co.za</u>

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.



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

**n-BUTYL ACETATE** 123-86-4 710. 150. 950 200 RL

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

**SAPMA Rating:** 3-H-E PPE : Respirator and Eye protection

**Inhalation:** In case of insufficient ventilation, use respiratory protection.

**Skin:** Use barrier cream and impervious gloves.

**Eyes:**Use face shield or goggles or face respirator/hood. Avoid direct contact. **Ingestion:**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

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 Packing Group III

 Action Code
 127

 HazChem
 3[Y]

 Kemler Code
 30





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







## **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

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

% m/m

**EC Labels** 

CAS No.

EC No.

# **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.

MSDS: 9299 Date issued 16/04/2007 Page 1 of 3

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 = Co	ntrolled/Red	ommende	d level 'S' =	Skin anno	tation)

**SAPMA Rating** 

2-H-E PPE : Respirator and Eye protection In case of insufficient ventilation, use suitable respiratory protection. Inhalation

Skin Use barrier cream and impervious gloves.

Eyes Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves. Ingestion 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 Pungent **Boiling Point** >35°C Flash Point <-18°C (derived) Water solubility Fat Solubilty

# **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** 

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

**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: 16/04/2007 Date of analysis: 16/04/2007)

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