

SECTION 1. Identification of the substance/preparation and of the company/undertaking

Manufacturer: E.I. du Pont de Nemours & Co.
DuPont Performance Coatings
Wilmington, DE, 19898

Telephone: Product information: (800) 441-7515
Medical emergency: (800) 441-3637
Transportation emergency: (800) 424-9300
(CHEMTREC)

Product: **ChromaPremier® System**

DOT Shipping Name: See DOT Addendum.

Hazardous Materials Information: See Section 10.

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SECTION 2. Composition/information on ingredients

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
1,2,4-trimethyl benzene	95-63-6	7.0@44.4°C	A 25.0 ppm O 25.0 ppm
1,3,5-trimethyl benzene	108-67-8	None	A 25.0 ppm O None
1,6-hexamethylene diisocyanate	822-06-0	0.0@25.0°C	A 5.0 ppb O None
4,6-dimethyl-2-heptanone	19549-80-5	None	A None O None
4-chlorobenzotrifluoride	98-56-6	7.6@25.0°C	D 20.0 ppm 8 & 12 hour TWA A None O None
Acetone	67-64-1	247.0@68.0°F	A 750.0 ppm 15 min STEL A 500.0 ppm O 1000.0 ppm D 500.0 ppm 8 & 12 hour TWA
Acrylic polymer-A	NotAvail	None	A None O None
Acrylic polymer-B	63150-02-7	None	A None O None
Acrylic polymer-C	96591-17-2	None	A None O None
Acrylic polymer-D	141785-74-2	None	A None O None
Acrylic polymer-E	573987-01-6	None	A None O None

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Acrylic resin	NotAvail	None	A None O None
Additive	NotAvail	23.6	A None O None
Aliphatic polyamine	54914-37-3	None	A None O None
Aliphatic polyisocyanate resin	28182-81-2	None	S 1.0 mg/m3 15 min STEL S 0.5 mg/m3 A None O None
Aluminum hydroxide	21645-51-2	None	A None O None
Amorphous silica-fumed	68611-44-9	None	A 2.0 mg/m3 Respirable Dust D 1.0 mg/m3 Respirable Dust O None
Aromatic hydrocarbon	64742-95-6	10.0@25.0°C	D 50.0 ppm A None O None
Barium sulfate	7727-43-7	None	A 10.0 mg/m3 Total Dust A 5.0 mg/m3 Respirable Dust O 15.0 mg/m3 Total Dust O 5.0 mg/m3 Respirable Dust D 10.0 mg/m3 Total Dust D 5.0 mg/m3 8 & 12 hour TWA Respirable Dust
Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate	41556-26-7	None	A None O None
Butyl acetate	123-86-4	10.0	A 200.0 ppm 15 min STEL A 150.0 ppm O 150.0 ppm
Calcium carbonate	471-34-1	None	A 10.0 mg/m3 O 15.0 mg/m3 Total Dust O 5.0 mg/m3 Respirable Dust
Carbamate resin	26935-10-4	None	A None O None
Carbon black	1333-86-4	None	A 3.5 mg/m3 O 3.5 mg/m3 D 0.5 mg/m3 8 & 12 hour TWA

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS	INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Cellulose acetate butyrate	9004-36-8	None	A None O None				Respirable Dust D 0.1 mg/m3 8 & 12 hour TWA O None
Ceramic microspheres	66402-68-4	None	A 10.0 mg/m3 O 15.0 mg/m3	Iron hydroxide	20344-49-4	None	A None O None
Cristobalite siO2	14464-46-1	None	A 25.0 ug/m3 Respirable Dust D 0.1 mg/m3 Respirable Dust O None	Isobutyl acetate	110-19-0	16.6	A 150.0 ppm O 150.0 ppm
Diisobutyl ketone	108-83-8	1.8	A 25.0 ppm O 50.0 ppm	Isobutyl alcohol	78-83-1	9.7@22.0°C	A 50.0 ppm O 100.0 ppm
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	0.0@25.0°C	D 5.0 ppm A None O None	Isophorone diisocyanate homopolymer	53880-05-0	None	A None O None
Ethyl 3-ethoxy propionate	763-69-9	1.1@25.0°C	A None O None	Isopropyl alcohol	67-63-0	48.0	A 400.0 ppm 15 min STEL A 200.0 ppm O 400.0 ppm D 200.0 ppm 8 & 12 hour TWA
Ethyl acetate	141-78-6	93.2@25.0°C	A 400.0 ppm O 400.0 ppm	Kaolin	1332-58-7	None	A 2.0 mg/m3 Respirable Dust O 15.0 mg/m3 TWA Total Dust O 5.0 mg/m3 TWA Respirable Dust
Ethyl alcohol	64-17-5	46.0	A 1000.0 ppm O 1000.0 ppm D 1000.0 ppm 8 & 12 hour TWA	Ketone solvent	71808-49-6	5.8@100.0°C	A None O None
Ethylbenzene	100-41-4	7.0	A 125.0 ppm 15 min STEL A 100.0 ppm O 100.0 ppm D 25.0 ppm 8 & 12 hour TWA	Magnesium fluoride	7783-40-6	None	A 2.5 mg/m3 TWA O 2.5 mg/m3 TWA
Formaldehyde	50-00-0	None	A 0.3 ppm CEIL O 2.0 ppm 15 min STEL O 0.8 ppm D 1.0 ppm 15 min TWA D 0.5 ppm 8 & 12 hour TWA	Melamine resin	68955-24-8	25.0	A None O None
Gamma-glycidoxypolytrimethoxysilane	2530-83-8	<0.1	A None O None	Methyl acetate	79-20-9	171.3@68.0°F	A 250.0 ppm 15 min STEL A 200.0 ppm O 200.0 ppm
Heptane	142-82-5	45.0@66.0°F	A 500.0 ppm 15 min STEL A 400.0 ppm O 500.0 ppm	Methyl alcohol	67-56-1	127.7@21.2°C	A 250.0 ppm 15 min STEL Skin A 200.0 ppm Skin O 200.0 ppm D 200.0 ppm 8 & 12 hour TWA Skin D 200.0 ppm 8 & 12 hour TWA
Hydrotreated heavy naphtha (petroleum)	64742-48-9	3.3@68.0°F	A None O None	Methyl amyl ketone	110-43-0	3.4	A 50.0 ppm O 100.0 ppm
Hydrous magnesium silicate	14807-96-6	None	A 2.0 mg/m3 Respirable Dust D 0.5 mg/m3 8 & 12 hour TWA	Methyl ethyl ketone			

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS	INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
	78-93-3	71.2	A 300.0 ppm 15 min STEL A 200.0 ppm O 200.0 ppm D 300.0 ppm 15 min TWA D 200.0 ppm 8 & 12 hour TWA		24937-78-8	None	A None O None
Methyl isobutyl carbinol	108-11-2	4.2	A 40.0 ppm 15 min STEL A 25.0 ppm Skin O 25.0 ppm Skin	Polyvinyl butyral resin	27360-07-2	<0.0	A None O None
Methyl isobutyl ketone	108-10-1	15.1	A 75.0 ppm 15 min STEL A 50.0 ppm O 100.0 ppm	Propionic acid, n-butyl ester	590-01-2	3.4@25.0°C	D 100.0 ppm 8 & 12 hour TWA A None O None
Methyl n-propyl ketone	107-87-9	27.8	A 150.0 ppm 15 min STEL A 1.0 mg/m3 O 200.0 ppm	Propylene glycol monomethyl ether acetate	108-65-6	3.8	D 10.0 ppm 8 & 12 hour TWA A None O None
N-butyl alcohol	71-36-3	5.6@68.0°F	A 20.0 ppm O 100.0 ppm D 50.0 ppm 15 min TWA D 25.0 ppm	Quartz-crystalline silica	14808-60-7	None	A 25.0 ug/m3 Respirable Dust O 0.3 mg/m3 Total Dust O 0.1 mg/m3 Respirable Dust D 0.1 mg/m3 Respirable Dust
N-hexane	110-54-3	180.0@25.0°C	A 50.0 ppm Skin O 500.0 ppm D 25.0 ppm 8 & 12 hour TWA Skin	Resin	NotAvail	None	A None O None
N-pentyl propionate	624-54-4	1.5	A None O None	Substituted benzotriazole	127519-17-9	0.1	S 4.0 mg/m3 A None O None
P-toluenesulfonyl isocyanate	4083-64-1	0.0@50.0°C	A None O None	Synthetic resin	295324-31-1	None	A None O None
Phosphoric acid	7664-38-2	0.0	A 3.0 mg/m3 15 min STEL A 1.0 mg/m3 O 1.0 mg/m3 D 1.0 mg/m3 8 & 12 hour TWA	Titanium dioxide	13463-67-7	None	A 10.0 mg/m3 O 15.0 mg/m3 Total Dust D 10.0 mg/m3 Total Dust D 5.0 mg/m3 Respirable Dust
Phosphoric acid, calcium salt	7757-93-9	None	A None O None	Toluene	108-88-3	22.0	A 20.0 ppm O 300.0 ppm CEIL O 500.0 ppm 10 min TWA O 200.0 ppm D 50.0 ppm 8 & 12 hour TWA
Polyester resin-A	NotAvail	None	A None O None	Vm&p naphtha	8032-32-4	17.9@68.0°F	A 300.0 ppm D 100.0 ppm O None
Polyester resin-B	35561-07-0	None	A None O None	Water	7732-18-5	23.6	A None O None
Polyester resin-C	129922-22-1	None	A None O None	Xylene	1330-20-7	8.0@25.0°C	A 150.0 ppm 15 min STEL A 100.0 ppm
Polyethylene/vinyl acetate							

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
			O 100.0 ppm D 150.0 ppm 15 min STEL D 100.0 ppm 8 & 12 hour TWA
Zinc chromate	13530-65-9	None	A 10.0 ug/m3 Cr(VI) O 5.0 ug/m3 Cr(VI) D 50.0 ug/m3 Cr(VI)
Zinc oxide	1314-13-2	None	A 10.0 mg/m3 15 min STEL Respirable Dust A 2.0 mg/m3 Respirable Dust O 15.0 mg/m3 Total Dust O 5.0 mg/m3 Respirable Dust
Zinc phosphate	7779-90-0	None	O 5.0 mg/m3 Respirable Dust A None

*A=ACGIH, O=OSHA, D=DuPont, S=Suppliers. Limits are 8 hour TWA unless otherwise specified. Vapor pressure @ 20° C unless otherwise noted.

SECTION 3. Hazards identification

Potential Health Effects:

Inhalation:

May cause nose and throat irritation. May cause nervous system depression, characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. If this product contains or is mixed with an isocyanate activator/hardener, the following health effects may apply: Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. Symptoms include an asthma-like reaction with shortness of breath, wheezing, cough or permanent lung sensitization. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function, which may be permanent. Individuals with lung or breathing problems or prior reactions to isocyanates must not be exposed to vapors or spray mist of this product.

Ingestion:

May result in gastrointestinal distress.

Skin or eye contact:

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

Other Potential Health Effects in addition to those listed above: 4-chlorobenzotrifluoride

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: skin. Prolonged or repeated exposure may cause damage to any of the following organs/systems: kidneys, liver, thyroid. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. Ingestion may cause any of the

following: gastrointestinal irritation. Eye contact may cause any of the following: permanent eye injury. Inhalation may cause any of the following: stupor (central nervous system depression), respiratory tract irritation.

Acetone

The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following organs/systems: blood, central nervous system, eyes, kidneys, liver, respiratory system, skin.

Acrylic polymer-A

Skin or eye contact may cause any of the following: irritation.

Aliphatic polyamine

Repeated or prolonged skin contact may cause any of the following: skin sensitization.

Aliphatic polyisocyanate resin

Overexposure may cause asthma-like reactions with shortness of breath, wheezing, cough, which may be permanent; or permanent lung sensitization. This effect may be delayed for several hours after exposure. The following medical conditions may be aggravated by exposure: asthma, skin disorders, respiratory disorders. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. Skin or eye contact may cause any of the following: irritation.

Aromatic hydrocarbon

The following medical conditions may be aggravated by exposure: skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate

Repeated exposure may cause allergic skin rash, itching, swelling.

Butyl acetate

May cause abnormal liver function. The following medical conditions may be aggravated by exposure: respiratory system. Tests for embryotoxic activity in animals has been inconclusive. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

Carbon black

Is an IARC, NTP or OSHA carcinogen. Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. The following medical conditions may be aggravated by exposure: asthma, respiratory disease.
WARNING: This chemical is known to the State of California to cause cancer.

Cristobalite siO2

Is an IARC, NTP or OSHA carcinogen. Repeated overexposure to crystalline silica may lead to x-ray changes and chronic lung disease.
WARNING: This chemical is known to the State of California to cause cancer.

Diisobutyl ketone

The following medical conditions may be aggravated by exposure: asthma, blood, dermatitis. Contact may cause skin irritation with discomfort or rash. Repeated exposure may cause allergic skin rash, itching, swelling. This substance may cause damage to any of the following organs/systems: eyes, kidneys, liver. Extremely high oral and inhalation doses in laboratory animals have shown weight changes in various organs such as the liver, kidney, brain, heart and adrenal gland. In addition liver and kidney injury were observed at the extremely high inhalation level. In another inhalation study there was a slight depression in the white blood cell count. Liquid or vapor causes irritation, experienced as stinging, excess blinking and tear production, with excess redness and swelling of the conjunctiva.

Ethanol, 2-(2-butoxyethoxy)-

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, eyes, kidneys, liver, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver. Recurrent overexposure may result in liver and kidney injury. High doses in laboratory animals have shown non specific effects such as irritation, weight loss, moderate blood changes. Eye contact may cause any of the following: severe irritation, burns, corneal injury.

Ethyl acetate

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, respiratory system, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver.

Ethyl alcohol

The following medical conditions may be aggravated by exposure: liver disease. Tests in some laboratory animals indicate this compound may have embryotoxic activity. Tests in animals demonstrate reproductive toxicity. Ingestion may cause any of the following: stupor (central nervous system depression), gastrointestinal irritation. If absorbed through the skin, may be: harmful.

Ethylbenzene

Is an IARC, NTP or OSHA carcinogen. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. Studies in laboratory animals have shown reproductive, embryotoxic and developmental effects.

WARNING: This chemical is known to the State of California to cause cancer.

Formaldehyde

Is an IARC, NTP or OSHA carcinogen. May induce pulmonary sensitization or significant irritation of the respiratory airways. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: cardiovascular system, eyes, kidneys, liver, lungs, skin. Formaldehyde has produced tumors in the nasal passages of laboratory animals when exposed to high concentrations for a two year period. Epidemiology studies conducted to date have not found evidence of formaldehyde related tumor induction in humans. Repeated or prolonged eye contact may cause any of the following: corneal injury. WARNING: This chemical is known to the State of California to cause cancer.

Heptane

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, respiratory system, skin. May cause central nervous system effects such as dizziness, headache, nausea, and loss of consciousness. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

Hydrotreated heavy naphtha (petroleum)

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

Isobutyl acetate

The following medical conditions may be aggravated by exposure: eye disorders, skin disorders, respiratory disorders.

Isobutyl alcohol

Has shown carcinogenic activity in laboratory animals at high doses. Significance to man is unknown. May cause irritation of the mucous membranes. May cause abnormal liver function. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, respiratory system, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: bone marrow, liver. Prolonged skin contact may cause chemical burns. Liquid splashes in the eye may result in chemical burns.

Isophorone diisocyanate homopolymer

May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath. Overexposure may cause asthma-like reactions with shortness of breath, wheezing, cough, which may be permanent; or permanent lung sensitization. This effect may be delayed for several hours after exposure. Repeated and prolonged overexposure may cause delayed effects involving the respiratory system. Repeated overexposure to isocyanates may cause lung injury, including a decrease in lung function, which may be permanent. Overexposure may cause damage to any of the following organs/systems: lungs, skin. The following medical conditions may be aggravated by overexposure: asthma, eye disorders, eczema, skin disorders, respiratory disorders.

Isopropyl alcohol

The following medical conditions may be aggravated by exposure: dermatitis, respiratory disease. Developmental toxicity was seen in rat's offspring at doses that were maternally toxic. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning. May cause injury to the cornea of the eyes. Prolonged or repeated exposure may cause damage to any of the following organs/systems: liver. Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights.

Kaolin

The following medical conditions may be aggravated by exposure: asthma, dermatitis. Repeated or prolonged inhalation may cause any of the following: lung injury.

Ketone solvent

Inhalation may cause any of the following: drowsiness, respiratory tract irritation. Skin or eye contact may cause any of the following: irritation.

Magnesium fluoride

If ingested, may be: moderately toxic. Skin or eye contact may cause any of the following: irritation. Inhalation may cause irritation to any of the following: upper respiratory system. Ingestion may cause irritation to any of the following: throat, mouth.

Melamine resin

This chemical is a formaldehyde donor. Formaldehyde is an IARC, NTP or OSHA carcinogen and has shown mutagenic activity in laboratory cell culture tests. May induce pulmonary sensitization or significant irritation of the respiratory airways. Formaldehyde has produced tumors in the nasal passages of laboratory animals when exposed to high concentrations for a two year period. IARC has concluded epidemiology studies found evidence of formaldehyde related nasopharyngeal cancer in humans and have classified formaldehyde as a confirmed human carcinogen. DuPont toxicologists have reviewed these studies and classified formaldehyde as a possible human carcinogen.

Methyl alcohol

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, kidneys, liver, skin. Excessive human exposure to methanol may lead to: fatigue, headache, anaesthetic, neurologic effects, and visual difficulties including blindness or death. Recurrent overexposure may result in liver and kidney injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother. Ingestion may cause any of the following: blindness. Eye contact may cause any of the following: conjunctivitis, mild irritation, corneal opacity.

Methyl ethyl ketone

Material is irritating to mucous membranes and upper respiratory tract.

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, eyes, respiratory system, skin. Prolonged or repeated overexposure may cause any of the following: conjunctivitis, dermatitis. High concentrations have caused embryotoxic effects in laboratory animals. Aspiration may occur during swallowing or vomiting, resulting in lung damage. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness.

Methyl isobutyl carbinol

Extremely high concentrations have caused blood changes and weakness in laboratory animals. Liquid splashes in the eye may result in chemical burns. Male rats exposed to very high airborne levels showed an increase in kidney weights. These effects were not seen in male rats exposed to lower concentrations, or in female rats at the same level.

Methyl isobutyl ketone

The following medical conditions may be aggravated by exposure: asthma, respiratory disease, eye disorders, pulmonary conditions, skin disorders. Repeated or prolonged skin contact may cause any of the following: dryness, cracking of the skin, defatting. Inhalation may cause any of the following: dizziness, stupor (central nervous system depression), drowsiness, respiratory tract irritation.

Methyl n-propyl ketone

May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath. May cause any of the following central nervous system effects: drowsiness. May cause eye irritation with discomfort, tearing, or blurred vision.

N-butyl alcohol

May cause abnormal blood forming function with anemia. Liquid splashes in the eye may result in chemical burns.

N-hexane

May cause abnormal kidney function. Can be absorbed through the skin in harmful amounts. N-hexane can produce peripheral polyneuropathy, a progressive disorder of the nervous system, such as muscular weakness and a loss of feeling in the extremities. With repeated high exposure, effects may become irreversible. Harmful if inhaled. Harmful or fatal if swallowed.

P-toluenesulfonyl isocyanate

Overexposure may cause asthma-like reactions with shortness of breath, wheezing, cough, which may be permanent; or permanent lung sensitization. This effect may be delayed for several hours after exposure. The following medical conditions may be aggravated by exposure: asthma, skin disorders, respiratory disorders. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. Skin or eye contact may cause any of the following: irritation.

Phosphoric acid

Ingestion may cause any of the following: burns to mouth and stomach. Inhalation of vapor may cause any of the following: burns to respiratory system. Skin or eye contact may cause any of the following: burns.

Propylene glycol monomethyl ether acetate

Recurrent overexposure may result in liver and kidney injury.

Quartz-crystalline silica

Is an IARC, NTP or OSHA carcinogen. Repeated overexposure to crystalline silica may lead to x-ray changes and chronic lung disease. Inhalation of high dust concentrations may cause: breathing difficulties, lung injury. WARNING: This chemical is known to the State of California to cause cancer.

Substituted benzotriazole

The following medical conditions may be aggravated by exposure: jaundice, liver disease. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver, thyroid, upper

respiratory system.

Synthetic resin

Skin contact may cause any of the following: irritation.

Titanium dioxide

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m³ respirable titanium dust. Analysis of the titanium dioxide concentrations in the rat's lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m³ level are not relevant to the workplace. Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.

Toluene

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, respiratory system, skin. Can be absorbed through the skin in harmful amounts. Recurrent overexposure may result in liver and kidney injury. High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown.

WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

Vm&p naphtha

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, lungs, respiratory system, skin. This substance may cause damage to any of the following organs/systems: central nervous system, kidneys, liver, lungs, skin and eyes. Material may be harmful or fatal if swallowed.

Xylene

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: bone marrow, cardiovascular system, central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. High exposures may produce irregular heart beats. Canada classifies Xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known. Repeated or prolonged skin contact may cause any of the following: irritation, dryness, cracking of the skin.

Zinc chromate

Is an IARC, NTP or OSHA carcinogen. Health studies have shown that chromate pigment manufacturing may be associated with an increase risk of lung cancer. Repeated or prolonged skin contact may cause any of the following: dermatitis, allergic skin rash. The following medical conditions may be aggravated by overexposure: asthma. Repeated or prolonged skin or eye contact may cause any of the following: irritation. Repeated or prolonged inhalation may cause any of the following: respiratory tract irritation, sensitization, asthma-like reactions, e.g. wheezing, chest tightness. WARNING: This chemical is known to the State of California to cause cancer.

SECTION 4. First aid measures

First Aid Procedures:**Inhalation:**

If affected by inhalation of vapor or spray mist, move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing difficulty persists, or occurs later, consult a physician.

Ingestion:

In the unlikely event of ingestion, DO NOT INDUCE VOMITING. Call a physician immediately and have names of ingredients available.

Skin or eye contact:

In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash thoroughly with soap and water. If irritation occurs, contact a physician.

deg F), keep away from heat, sparks and flame. If flammable (flashpoint less than 100 deg F), also keep away from static discharges and other sources of ignition. If material is extremely flammable (flashpoint less than 20 deg F) or flammable, VAPORS MAY IGNITE EXPLOSIVELY OR CAUSE FLASH FIRE, respectively. Vapors may spread long distances. Prevent buildup of vapors. Close container after each use. Ground containers when pouring. Wash thoroughly after handling and before eating or smoking. Do not store above 120 deg F. If product is waterbased, do not freeze.

Other precautions:

If material is a coating: do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

SECTION 5. Fire-fighting measures

Flash Point (Closed Cup): See Section 11 for exact values.

Flammable Limits: LFL 0.7 % UFL 21.2 %

Extinguishing Media:

Universal aqueous film-forming foam, carbon dioxide, dry chemical.

Fire Fighting Procedures:

Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to prevent pressure build-up.

Fire and Explosion Hazards:

For flammable liquids, vapor/air will ignite when an ignition source is present. In other cases, when heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

SECTION 6. Accidental release measures**Procedures for cleaning up spills or leaks:**

Ventilate area. Remove sources of ignition. Prevent skin and eye contact and breathing of vapor. If material does not contain or is not mixed with an isocyanate activator/hardener: Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C), eye protection, gloves and protective clothing. Confine, remove with inert absorbent, and dispose of properly. If the material contains, or is mixed with an isocyanate activator/hardener: Wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C), eye protection, gloves and protective clothing. Pour liquid decontamination solution over the spill and allow to sit at least 10 minutes. Typical decontamination solutions for isocyanate containing materials are: 20% Surfactant (Tergitol TMN 10) and 80% Water OR 0-10% Ammonia, 2-5% Detergent and Water (balance). Pressure can be generated. Do not seal waste containers for 48 hours to allow CO₂ to vent. After 48 hours, material may be sealed and disposed of properly.

Ecological information:

There is no data available on the product. The product should not be allowed to enter drains, water courses or the soil.

SECTION 7. Handling and storage**Precautions to be taken in handling and storing:**

Observe label precautions. If combustible (flashpoint between 100 - 200

SECTION 8. Exposure controls / personal protection**Engineering controls and work practices:****Ventilation:**

Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits.

Respiratory protection:

Do not breathe vapors or mists. If this product contains isocyanates or is used with an isocyanate activator/hardener, wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C) while mixing activator/hardener with paint, during application and until all vapors and spray mist are exhausted. If product does not contain or is not mixed with an isocyanate activator/hardener, a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH TC-23C) and particulate filter (NIOSH TC-84A) may be used. Follow respirator manufacturer's directions for respirator use. Do not permit anyone without protection in the painting area. Individuals with history of lung or breathing problems or prior reaction to isocyanates should not use or be exposed vapor or spray mist if product contains or is mixed with isocyanate activators/hardeners.

Protective equipment:

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Skin protection:

Neoprene gloves and coveralls are recommended.

Eye protection:

Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.

SECTION 9. Physical and chemical properties

Evaporation rate	Slower than Ether
Water solubility	NIL
Vapour density	Heavier than air
Approx. Boiling Range (°C)	46.1 - 265 °C
Approx. Freezing Range (°C)	-134.4 - -73.5 °C
Gallon Weight (lbs/gal)	6.61 - 13.35
Specific Gravity	0.79 - 1.60
Percent Volatile By Volume	29.80 - 100.00
Percent Volatile By Weight	28.00 - 100.00
Percent Solids By Volume	0.00 - 70.20
Percent Solids By Weight	0.00 - 72.00

SECTION 10. Stability and reactivity**Stability:**

Stable

Incompatibility (materials to avoid):

None reasonably foreseeable

Hazardous decomposition products:CO, CO₂, smoke, and oxides of any heavy metals that are reported in "Composition, Information on Ingredients" section.**Hazardous Polymerization:**

Will not occur.

Sensitivity to Static Discharge:

For flammable materials (flashpoint less than 100 deg F) and combustibles (flashpoint between 100-200 deg F) if heated above the flashpoint, solvent vapors in air may explode if static grounding and bonding is not used during transfer of this product.

Sensitivity to Mechanical Impact:

None known.

SECTION 11. Additional Information**7160S™** Butyl acetate, Ethylbenzene(1.3%*), Heptane, Isopropyl alcohol, Methyl ethyl ketone, N-hexane(1%*), Propionic acid, n-butyl ester, Toluene(14%*), Xylene(5%*)**GAL WT: 6.61 WT PCT SOLIDS: 0.17 VOL PCT SOLIDS: 0.13****SOLVENT DENSITY: 6.61 VOC LE: 6.6 VOC AP: 6.6****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO****7175S™** Acetone, Ethylbenzene(2.4%*), Heptane, Isobutyl alcohol, Isopropyl alcohol, Methyl amyl ketone, Methyl isobutyl ketone(5%*), Toluene(2%*), Xylene(10%*)**GAL WT: 6.64 WT PCT SOLIDS: 0.17 VOL PCT SOLIDS: 0.13****SOLVENT DENSITY: 6.64 VOC LE: 6.6 VOC AP: 6.0****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES****7185S™** 1,2,4-trimethyl benzene(2%*), Aromatic hydrocarbon, Hydrotreated heavy naphtha (petroleum), Methyl amyl ketone, Methyl isobutyl carbinol, Vm&p naphtha**GAL WT: 6.65 WT PCT SOLIDS: 0.17 VOL PCT SOLIDS: 0.13****SOLVENT DENSITY: 6.65 VOC LE: 6.6 VOC AP: 6.6****FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0 OSHA STORAGE: IC****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES****7195S™** 4,6-dimethyl-2-heptanone, Aromatic hydrocarbon, Diisobutyl ketone, Hydrotreated heavy naphtha (petroleum), Ketone solvent, Methyl amyl ketone, Vm&p naphtha**GAL WT: 6.69 WT PCT SOLIDS: 0.17 VOL PCT SOLIDS: 0.13****SOLVENT DENSITY: 6.69 VOC LE: 6.7 VOC AP: 6.7****FLASH POINT: 73°F to below 100°F H: 1 F: 3 R: 0 OSHA STORAGE: IC****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES****12301S™** 1,6-hexamethylene diisocyanate(0.2%*), Aliphatic polyisocyanate resin, Butyl acetate, Isophorone diisocyanate homopolymer, Methyl amyl ketone, N-pentyl propionate, P-toluenesulfonyl isocyanate(0.2%)**GAL WT: 8.30 WT PCT SOLIDS: 57.71 VOL PCT SOLIDS: 49.93****SOLVENT DENSITY: 6.97 VOC LE: 3.5 VOC AP: 3.5****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO****12303S™** 1,6-hexamethylene diisocyanate(0.1%*), Aliphatic polyisocyanate resin, Butyl acetate, Isophorone diisocyanate homopolymer, Methyl amyl ketone, N-pentyl propionate**GAL WT: 8.52 WT PCT SOLIDS: 65.00 VOL PCT SOLIDS: 57.13****SOLVENT DENSITY: 6.92 VOC LE: 3.0 VOC AP: 3.0****FLASH POINT: 73°F to below 100°F H: 3 F: 3 R: 1 OSHA STORAGE: IC****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO****12305S™** 1,6-hexamethylene diisocyanate(0.1%*),

4,6-dimethyl-2-heptanone, Aliphatic polyisocyanate resin, Butyl acetate, Diisobutyl ketone, Methyl amyl ketone

GAL WT: 8.51 WT PCT SOLIDS: 65.00 VOL PCT SOLIDS: 56.65**SOLVENT DENSITY: 6.88 VOC LE: 3.0 VOC AP: 3.0****FLASH POINT: 73°F to below 100°F H: 3 F: 3 R: 1 OSHA STORAGE: IC****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO****12365S™** Butyl acetate, Ethylbenzene(4.0%*), Methyl ethyl ketone, Toluene(15%*), Xylene(16%*)**GAL WT: 7.13 WT PCT SOLIDS: 0.00 VOL PCT SOLIDS: 0.00****SOLVENT DENSITY: 7.13 VOC LE: 7.1 VOC AP: 7.1****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES****12375S™** Butyl acetate, Ethylbenzene(5.0%*), Methyl amyl ketone, Methyl isobutyl ketone(10%*), Xylene(20%*)**GAL WT: 7.09 WT PCT SOLIDS: 0.00 VOL PCT SOLIDS: 0.00****SOLVENT DENSITY: 7.09 VOC LE: 7.1 VOC AP: 7.1****FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 1 OSHA STORAGE: IC****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES****12385S™** 4,6-dimethyl-2-heptanone, Diisobutyl ketone, Ethylbenzene(3.0%*), Methyl amyl ketone, N-pentyl propionate, Xylene(12%*)**GAL WT: 6.85 WT PCT SOLIDS: 0.00 VOL PCT SOLIDS: 0.00****SOLVENT DENSITY: 6.85 VOC LE: 6.9 VOC AP: 6.9****FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0 OSHA STORAGE: IC****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES****12395S™** 1,2,4-trimethyl benzene(3%*), 4,6-dimethyl-2-heptanone, Aromatic hydrocarbon, Diisobutyl ketone, Ethyl 3-ethoxy propionate**GAL WT: 7.42 WT PCT SOLIDS: 0.01 VOL PCT SOLIDS: 0.01****SOLVENT DENSITY: 7.42 VOC LE: 7.4 VOC AP: 7.4****FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 1 OSHA STORAGE: II****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES****19301S™** Acrylic polymer-A, Ethylbenzene(3.7%*), Isopropyl alcohol, Methyl ethyl ketone, Methyl isobutyl ketone(15%*), Propylene glycol monomethyl ether acetate, Toluene(15%*), Xylene(15%*)**GAL WT: 7.33 WT PCT SOLIDS: 6.00 VOL PCT SOLIDS: 4.78****SOLVENT DENSITY: 7.24 VOC LE: 6.9 VOC AP: 6.8****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES****22805S™** Acetone, Ethyl acetate, Ethyl alcohol, Heptane, Methyl alcohol(1%*), N-butyl alcohol(39%), Phosphoric acid, Toluene(1%*), Water**GAL WT: 6.72 WT PCT SOLIDS: 3.84 VOL PCT SOLIDS: 1.57****SOLVENT DENSITY: 6.57 VOC LE: 6.4 VOC AP: 5.6****FLASH POINT: Below 20°F H: 3 F: 3 R: 1 OSHA STORAGE: IB****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO****22860s™** Acetone, Additive, Butyl acetate, Carbon black(0.2%), Ethyl acetate, Ethyl alcohol, Ethylbenzene(0.1%*), Isopropyl alcohol, Methyl alcohol(2%*), Methyl n-propyl ketone, N-butyl alcohol(10%), Polyvinyl butyral resin, Titanium dioxide(1.5%), Water, Zinc chromate(7.5%*)**GAL WT: 7.53 WT PCT SOLIDS: 18.46 VOL PCT SOLIDS: 9.02****SOLVENT DENSITY: 6.75 VOC LE: 6.0 VOC AP: 4.9****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB****TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO****32430S™** Acrylic resin, Amorphous silica-fumed, Barium sulfate, Butyl acetate, Carbon black(0.1%), Cristobalite siO₂(1.0%),

Ethylbenzene(1.3%*), Hydrous magnesium silicate, Kaolin, Methyl amyl ketone, Titanium dioxide(15.7%), Xylene(5%*), Zinc phosphate(6%*)

GAL WT: 13.35 WT PCT SOLIDS: 71.94 VOL PCT SOLIDS: 48.42

SOLVENT DENSITY: 7.18 VOC LE: 3.7 VOC AP: 3.7

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

42400S™ 4,6-dimethyl-2-heptanone, Acetone, Acrylic polymer-B, Butyl acetate, Ceramic microspheres, Diisobutyl ketone, Ethylbenzene(1.3%*), Gamma-glycidioxypropyltrimethoxysilane, Methyl amyl ketone, Propylene glycol monomethyl ether acetate, Xylene(5%*), Zinc phosphate(12%*)

GAL WT: 10.09 WT PCT SOLIDS: 56.49 VOL PCT SOLIDS: 38.27

SOLVENT DENSITY: 7.12 VOC LE: 4.3 VOC AP: 4.1

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

42410S™ Acrylic polymer-B, Aluminum hydroxide, Butyl acetate, Calcium carbonate, Diisobutyl ketone, Ethylbenzene(3.1%*), Hydrous magnesium silicate, Isobutyl acetate, Methyl amyl ketone, Propylene glycol monomethyl ether acetate, Titanium dioxide(32.9%), Xylene(13%*), Zinc phosphate(9%*)

GAL WT: 13.35 WT PCT SOLIDS: 67.87 VOL PCT SOLIDS: 40.42

SOLVENT DENSITY: 7.19 VOC LE: 4.3 VOC AP: 4.3

FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0 OSHA STORAGE: IC

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

42440S™ Acrylic polymer-B, Barium sulfate, Butyl acetate, Calcium carbonate, Carbon black(0.2%), Diisobutyl ketone, Ethylbenzene(3.4%*), Hydrous magnesium silicate, Methyl amyl ketone, Propylene glycol monomethyl ether acetate, Quartz-crystalline silica(0.1%), Titanium dioxide(8.5%), Xylene(13%*), Zinc phosphate(9%*)

GAL WT: 12.86 WT PCT SOLIDS: 66.67 VOL PCT SOLIDS: 40.54

SOLVENT DENSITY: 7.20 VOC LE: 4.3 VOC AP: 4.3

FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0 OSHA STORAGE: IC

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

42455S™ Aliphatic polyamine, Butyl acetate, Ethyl acetate, Ethylbenzene(1.6%*), Toluene(25%*), Xylene(7%*)

GAL WT: 7.36 WT PCT SOLIDS: 17.56 VOL PCT SOLIDS: 17.75

SOLVENT DENSITY: 7.38 VOC LE: 6.1 VOC AP: 6.1

FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 1 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

42470S™ Acrylic polymer-B, Barium sulfate, Butyl acetate, Calcium carbonate, Carbon black(1.3%), Diisobutyl ketone, Ethylbenzene(3.2%*), Hydrous magnesium silicate, Isobutyl acetate, Methyl amyl ketone, Propylene glycol monomethyl ether acetate, Quartz-crystalline silica(0.1%), Titanium dioxide(2.5%), Xylene(13%*), Zinc phosphate(9%*)

GAL WT: 12.82 WT PCT SOLIDS: 66.51 VOL PCT SOLIDS: 40.42

SOLVENT DENSITY: 7.20 VOC LE: 4.3 VOC AP: 4.3

FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0 OSHA STORAGE: IC

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

42475S™ Aliphatic polyamine, N-pentyl propionate, Propylene glycol monomethyl ether acetate

GAL WT: 7.68 WT PCT SOLIDS: 17.55 VOL PCT SOLIDS: 18.51

SOLVENT DENSITY: 7.77 VOC LE: 6.3 VOC AP: 6.3

FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

42495S™ Aliphatic polyamine, Ethyl 3-ethoxy propionate, N-pentyl propionate, Propylene glycol monomethyl ether acetate

GAL WT: 7.52 WT PCT SOLIDS: 17.51 VOL PCT SOLIDS: 18.10

SOLVENT DENSITY: 7.57 VOC LE: 6.2 VOC AP: 6.2

FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

52320N™ Acrylic polymer-A, Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)

sebacate, Ethanol, 2-(2-butoxyethoxy)-(3%*), Ethyl acetate, Ethylbenzene(0.3%*), Methyl amyl ketone, Methyl ethyl ketone, Propylene glycol monomethyl ether acetate, Xylene(1%*)

GAL WT: 7.98 WT PCT SOLIDS: 52.24 VOL PCT SOLIDS: 44.98

SOLVENT DENSITY: 6.96 VOC LE: 3.8 VOC AP: 3.8

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

52330N™ Acrylic polymer-A, Butyl acetate, Ethylbenzene(0.3%*), Methyl amyl ketone, Methyl ethyl ketone, Propylene glycol monomethyl ether acetate, Xylene(1%*)

GAL WT: 7.91 WT PCT SOLIDS: 46.02 VOL PCT SOLIDS: 38.69

SOLVENT DENSITY: 6.99 VOC LE: 4.3 VOC AP: 4.3

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

62320F™ Acetone, Butyl acetate, Cellulose acetate butyrate, Ethylbenzene(4.7%*), Methyl amyl ketone, Polyethylene/vinyl acetate, Synthetic resin, Xylene(19%*)

GAL WT: 7.41 WT PCT SOLIDS: 13.76 VOL PCT SOLIDS: 11.08

SOLVENT DENSITY: 7.20 VOC LE: 6.4 VOC AP: 5.5

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

62330F™ Acetone, Acrylic polymer-C, Butyl acetate, Carbamate resin, Cellulose acetate butyrate, Ethylbenzene(4.1%*), Isobutyl alcohol, Melamine resin, Methyl amyl ketone, Polyethylene/vinyl acetate, Synthetic resin, Xylene(15%*)

GAL WT: 7.55 WT PCT SOLIDS: 21.90 VOL PCT SOLIDS: 17.68

SOLVENT DENSITY: 7.18 VOC LE: 5.8 VOC AP: 5.0

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

69301S™ 4,6-dimethyl-2-heptanone, Acetone, Butyl acetate, Cellulose acetate butyrate, Diisobutyl ketone, Ethyl acetate, Ethylbenzene(2.2%*), Isobutyl acetate, Methyl amyl ketone, Polyester resin-C, Propylene glycol monomethyl ether acetate, Xylene(9%*)

GAL WT: 7.14 WT PCT SOLIDS: 3.83 VOL PCT SOLIDS: 2.88

SOLVENT DENSITY: 7.07 VOC LE: 6.9 VOC AP: 6.6

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

72100S™ 4-chlorobenzotrifluoride, Acetone, Acrylic polymer-D, Acrylic resin, Ethylbenzene(1.1%*), Methyl amyl ketone, Polyester resin-C, Substituted benzotriazole, Xylene(4%*)

GAL WT: 8.92 WT PCT SOLIDS: 43.29 VOL PCT SOLIDS: 41.68

SOLVENT DENSITY: 8.68 VOC LE: 2.7 VOC AP: 1.9

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

72200S™ Acetone, Acrylic polymer-A, Ethylbenzene(2.8 - 7.1%*), Methyl ethyl ketone, Methyl isobutyl ketone(2%*), N-pentyl propionate, Polyester resin-C, Xylene(21 - 26%*)

GAL WT: 8.07 WT PCT SOLIDS: 54.37 VOL PCT SOLIDS: 47.78

SOLVENT DENSITY: 7.06 VOC LE: 3.5 VOC AP: 3.3

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

72400S™ Acrylic polymer-E, Butyl acetate, Ethylbenzene(6.0%*), Methyl amyl ketone, Methyl ethyl ketone, Polyester resin-C, Xylene(24%*)

GAL WT: 8.10 WT PCT SOLIDS: 56.09 VOL PCT SOLIDS: 50.27

SOLVENT DENSITY: 7.13 VOC LE: 3.6 VOC AP: 3.6

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

72500S™ 4-chlorobenzotrifluoride, Acetone, Acrylic polymer-E, Butyl acetate, Ethyl acetate, Ethylbenzene(1.7 - 4.3%*), Methyl amyl ketone, Methyl ethyl ketone, N-pentyl propionate, Polyester resin-A, Xylene(13 -

16%* @)

GAL WT: 8.20 WT PCT SOLIDS: 52.93 VOL PCT SOLIDS: 47.01**SOLVENT DENSITY: 7.28 VOC LE: 3.4 VOC AP: 3.1****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**72600S™** 1,2,4-trimethyl benzene(7%*), 1,3,5-trimethyl benzene, Acrylic polymer-A, Aromatic hydrocarbon, Butyl acetate, Ethylbenzene(1.0%* @), Methyl amyl ketone, Methyl ethyl ketone, Xylene(4%* @)**GAL WT: 8.29 WT PCT SOLIDS: 54.32 VOL PCT SOLIDS: 47.35****SOLVENT DENSITY: 7.18 VOC LE: 3.8 VOC AP: 3.8****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**CF-22860s™** Amorphous silica-fumed, Butyl acetate, Carbon black(0.2%), Ethyl alcohol, Ethylbenzene(0.6%* @), Formaldehyde(0.2%* @), Hydrous magnesium silicate, Iron hydroxide, Isopropyl alcohol, N-butyl alcohol(22%*), Phosphoric acid, calcium salt, Polyvinyl butyral resin, Resin, Titanium dioxide(1.1%), Xylene(2%* @), Zinc oxide(5%*)**GAL WT: 7.85 WT PCT SOLIDS: 23.06 VOL PCT SOLIDS: 11.62****SOLVENT DENSITY: 6.82 VOC LE: 6.0 VOC AP: 6.0****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**KK700FX™** Acetone, Acrylic polymer-C, Butyl acetate, Cellulose acetate butyrate, Ethylbenzene(7.2%* @), Magnesium fluoride, Polyester resin-B, Polyethylene/vinyl acetate, Xylene(25%* @)**GAL WT: 7.76 WT PCT SOLIDS: 24.25 VOL PCT SOLIDS: 18.46****SOLVENT DENSITY: 7.21 VOC LE: 5.8 VOC AP: 5.3****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**KK710FX™** Acetone, Acrylic polymer-C, Butyl acetate, Cellulose acetate butyrate, Ethylbenzene(7.1%* @), Magnesium fluoride, Polyester resin-B, Polyethylene/vinyl acetate, Xylene(24%* @)**GAL WT: 7.76 WT PCT SOLIDS: 24.53 VOL PCT SOLIDS: 18.90****SOLVENT DENSITY: 7.24 VOC LE: 5.8 VOC AP: 5.3****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**KK720FX™** Acetone, Acrylic polymer-C, Butyl acetate, Cellulose acetate butyrate, Ethylbenzene(7.3%* @), Magnesium fluoride, Polyester resin-B, Polyethylene/vinyl acetate, Xylene(25%* @)**GAL WT: 7.72 WT PCT SOLIDS: 23.68 VOL PCT SOLIDS: 18.31****SOLVENT DENSITY: 7.23 VOC LE: 5.8 VOC AP: 5.3****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**KK730FX™** Acetone, Acrylic polymer-C, Butyl acetate, Cellulose acetate butyrate, Ethylbenzene(7.3%* @), Magnesium fluoride, Polyester resin-B, Polyethylene/vinyl acetate, Xylene(25%* @)**GAL WT: 7.72 WT PCT SOLIDS: 23.68 VOL PCT SOLIDS: 18.40****SOLVENT DENSITY: 7.24 VOC LE: 5.8 VOC AP: 5.3****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**KK740FX™** Acetone, Acrylic polymer-C, Butyl acetate, Cellulose acetate butyrate, Ethylbenzene(7.1%* @), Magnesium fluoride, Polyester resin-B, Polyethylene/vinyl acetate, Xylene(25%* @)**GAL WT: 7.82 WT PCT SOLIDS: 24.93 VOL PCT SOLIDS: 18.69****SOLVENT DENSITY: 7.25 VOC LE: 5.8 VOC AP: 5.3****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**KK760FX™** Acetone, Acrylic polymer-C, Butyl acetate, Cellulose acetate butyrate, Ethylbenzene(7.1%* @), Magnesium fluoride, Polyester resin-B, Polyethylene/vinyl acetate, Xylene(24%* @)**GAL WT: 7.85 WT PCT SOLIDS: 25.30 VOL PCT SOLIDS: 18.76****SOLVENT DENSITY: 7.22 VOC LE: 5.8 VOC AP: 5.3****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**LH7320™** 1,2,4-trimethyl benzene(5%*), 1,3,5-trimethyl benzene, Acetone, Aromatic hydrocarbon, Butyl acetate, Cellulose acetate butyrate, Heptane, Methyl acetate, Methyl amyl ketone, Polyethylene/vinyl acetate, Synthetic resin**GAL WT: 7.44 WT PCT SOLIDS: 13.76 VOL PCT SOLIDS: 11.12****SOLVENT DENSITY: 7.23 VOC LE: 5.6 VOC AP: 3.3****FLASH POINT: Below 20°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**LH7330™** 1,2,4-trimethyl benzene(4%*), Acetone, Acrylic polymer-C, Aromatic hydrocarbon, Butyl acetate, Carbamate resin, Cellulose acetate butyrate, Ethylbenzene(0.6%* @), Heptane, Isobutyl alcohol, Melamine resin, Methyl acetate, Methyl amyl ketone, Polyethylene/vinyl acetate, Synthetic resin, Xylene(2%* @)**GAL WT: 7.57 WT PCT SOLIDS: 21.90 VOL PCT SOLIDS: 17.73****SOLVENT DENSITY: 7.21 VOC LE: 5.1 VOC AP: 3.3****FLASH POINT: Below 20°F H: 2 F: 3 R: 0 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**V-12305S™** 1,6-hexamethylene diisocyanate(0.1%* @), 4-chlorobenzotrifluoride, Aliphatic polyisocyanate resin, Methyl acetate, N-pentyl propionate**GAL WT: 9.26 WT PCT SOLIDS: 72.00 VOL PCT SOLIDS: 69.64****SOLVENT DENSITY: 8.53 VOC LE: 0.4 VOC AP: 0.3****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**V-12307S™** 1,6-hexamethylene diisocyanate(0.2%* @), 4-chlorobenzotrifluoride, Aliphatic polyisocyanate resin, Ethyl 3-ethoxy propionate, Methyl acetate**GAL WT: 9.60 WT PCT SOLIDS: 69.89 VOL PCT SOLIDS: 70.20****SOLVENT DENSITY: 9.69 VOC LE: 0.4 VOC AP: 0.3****FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB**
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**Footnotes:****TSCA: in compliance** = In compliance with TSCA Inventory requirements for commercial purposes.**ACGIH** = American Conference of Governmental Industrial Hygienists.**IARC** = International Agency for Research on Cancer.**NTP** = National Toxicology Program.**OSHA** = Occupational Safety and Health Administration.**PNOR** = Particles not otherwise regulated.**PNOC** = Particles not otherwise classified.**STEL** = Short term exposure limit.**TWA** = Time-weighted average.**TM** = Is a Trademark of E.I. DuPont de Nemours Co.

* = Section 313 Supplier Notification: These chemicals are subject to the reporting requirements of Section 313 of the Emergency planning and Right-to-Know act of 1986 and of 40 CFR 372.

@ = Listed as a Clean Air Act Hazardous Air Pollutant.

= EPCRA Section 302 - Extremely hazardous substances.

Notice:

The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Product Manager: Refinish Sales

Prepared by: Y. B. Yarbrough