

B125193

R.C. Schaefer

**DuPont Performance Coatings
MATERIAL SAFETY DATA SHEET
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS**

SECTION 1 - Product and Company Identification

O None

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

AMIDOAMINE RESIN-A

Telephone: Product Information: (800) 441-7515
Medical Emergency: (800) 441-3637
Transportation Emergency: (800) 424-9300
(CHEMTREC)

Not Avail

None

A None

O None

Product: **EPOXY PRIMERS, ENAMELS, AND ACTIVATORS**

AMIDOAMINE RESIN-B

DOT Shipping Name: See DOT addendum.

64754-99-0

None

A None

Hazardous Materials Information: See Section 10.

O None

SECTION 2 - Composition, Information on Ingredients

INGREDIENTS

CAS #

**VAPOR
PRESSURE**

**EXPOSURE
LIMITS**

AMIDOAMINE RESIN-C

ACRYLIC POLYMER-A

26010-51-5

None

A None

O None

68443-08-3

None

A None

O None

ACRYLIC POLYMER-B

AMINE SALT OF POLYCARBONIC ACID

Not Avail

None

A None

O None

42767-92-0

None

A None

O None

AMORPHOUS SILICA-A

ACRYLIC POLYMER-C

148969-95-3

None

A None

O None

7631-86-9

None

D 3.0 mg/m³

8 hr PEL

O 20.0 mppcf2

A 10.0 mg/m³

Total Dust

ALUMINUM

7429-90-5

None

A 10.0 mg/m³

O 15.0 mg/m³

Total Dust

O 5.0 mg/m³

Respirable Dust

AMORPHOUS SILICA-B

92797-60-9

None

O 1.0 mg/m³

15 min STEL

D 1.0 mg/m³

Respirable Dust

ALUMINUM HYDRATE

21645-51-2

None

A None

A 2.0 mg/m³

Respirable Dust

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
 January 1, 2003

AMORPHOUS SILICA-FUMED	68611-44-9	None	D 1.0 mg/m ³ Respirable Dust A 2.0 mg/m ³ Respirable Dust O None	BISPHENOL A/EPICHLOROHYDRIN POLYMER	25036-25-3	2.7 @ 23.9°C	A None O None
				BISPHENOL-EPICHLOROHYDRIN TYPE POLYMER	25068-38-6	0.0 @ 77.0°C	A None O None
AROMATIC HYDROCARBON-A	64742-94-5	10.0	D 100.0 ppm A None O None	BLACK IRON OXIDE	1317-61-9	None	A None O None
AROMATIC HYDROCARBON-B	64742-95-6	10.0 @ 25.0°C	D 50.0 ppm 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
BARIUM SULFATE	7727-43-7	None	A 10.0 mg/m ³ Total Dust D 10.0 mg/m ³ Total Dust O 15.0 mg/m ³ Total Dust O 15.0 mg/m ³ Respirable Dust	CALCIUM CARBONATE	471-34-1	None	A 10.0 mg/m ³ O 15.0 mg/m ³ A 5.0 mg/m ³ Respirable Dust
BENZYL ALCOHOL	100-51-6	0.1 @ 30.0°C	D 10.0 ppm A None O None	CALCIUM PHOSPHOSILICATE	Not Avail	None	A None O None
				CARBON BLACK	1333-86-4	None	A 3.5 mg/m ³ O 3.5 mg/m ³

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

			D 0.5 mg/m ³ 8 & 12 hour TWA	Epoxy hardener	1477-55-0	None	A 0.1 mg/m ³ TWA Skin O 0.1 mg/m ³ TWA Skin
CUMENE	98-82-8	3.7	A 50.0 ppm O 50.0 ppm Skin				
DIACETONE ALCOHOL	123-42-2	1.1 @ 200.0°C	A 50.0 ppm TLV O 50.0 ppm TWA	ETHYL ACETATE	141-78-6	76.0	A 400.0 ppm O 400.0 ppm
DIATOMACEOUS EARTH	7631-86-9	None	A 1.0 mg/m ³ 15 min STEL O 15.0 mg/m ³ A 0.2 mg/m ³ Respirable Dust O 5.0 mg/m ³ Respirable Dust	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
DIISOBUTYL KETONE	108-83-8	1.7	A 25.0 ppm O 50.0 ppm	ETHYLENE GLYCOL MONOBUTYLETHER	111-76-2	0.6	A 20.0 ppm D 5.0 ppm Skin O 50.0 ppm Skin
DIOCTYL PHTHALATE	117-81-7	1.2	A 5.0 mg/m ³ D 1.0 mg/m ³ 8 & 12 hour TWA O None	GLYCIDYL ESTER OF TERT CARBOXYLIC ACID	26761-45-5	2.5 @ 212.0°F	A None O None
				GLYCIDYL ETHER OF ALKYL PHENOL	171263-24-1	None	A None O None

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

HYDROUS MAGNESIUM SILICATE 14807-96-6	None	A 2.0 mg/m ³ Respirable Dust D 0.5 mg/m ³ 8 & 12 hour TWA Respirable Dust O None	LIGHT YELLOW LEMON YELLOW OXIDE PIGMENT 51274-00-1	None	A None O None	A 2.0 mg/m ³ Respirable Dust
IRON OXIDE 1309-37-1	None	A 5.0 mg/m ³ O 10.0 mg/m ³	MEDIUM MINERAL SPIRITS 64742-88-7	2.0 @ 68.0°F	D 50.0 ppm 8 & 12 hour TWA A None O None	
ISOINDOLINONE PIGMENT 36888-99-0	None	A None O None	METHYL AMYL KETONE 110-43-0	2.8	A 50.0 ppm O 100.0 ppm	
ISOPROPYL ALCOHOL 67-63-0	33.0	A 500.0 ppm 15 min STEL A 400.0 ppm O 400.0 ppm D 400.0 ppm 8 & 12 hour TWA	METHYL ETHYL KETONE 78-93-3	71.0 @ 0.0	A 300.0 ppm 15 min STEL D 300.0 ppm 15 min TWA A 200.0 ppm O 200.0 ppm D 200.0 ppm 8 & 12 hour TWA	
KAOLIN 1332-58-7	None	O 10.0 mg/m ³ TWA Total Dust O 5.0 mg/m ³ TWA Respirable Dust	METHYL ISOBUTYL KETONE 108-10-1	15.0	A 75.0 ppm 15 min STEL A 50.0 ppm O 100.0 ppm	

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

MICA	12001-26-2	None	A 3.0 mg/m ³ Respirable Dust O None	PARA-NONYLPHENOL	Not Avail	None	A None O None
					84852-15-3	None	A None O None
MONOAZO PIGMENT	12236-62-3	None	A 10.0 mg/m ³ Inhalable dust Particulate O None	PHENOLIC POLYMER	9003-35-4	None	A None O None
N-BUTYL ALCOHOL	71-36-3	4.2 @ 68.0°F	D 50.0 ppm 15 min TWA A 20.0 ppm D 25.0 ppm O 50.0 ppm CEIL Skin	PHTHALOCYANINE BLUE PIGMENT 147-14-8		None	O 15.0 mg/m ³ Total Dust PNOR O 5.0 mg/m ³ TWA Respirable Dust PNOR A 10.0 mg/m ³ Inhalable dust PNOC
							A 3.0 mg/m ³ Respirable Particulate PNOC
NAPHTHALENE	91-20-3	1.0 @ 52.6°C	A 10.0 ppm O 10.0 ppm D 0.1 ppm 8 & 12 hour TWA	POLYAMIDE RESIN			
ORGANOCLAY	68911-87-5	None	A None O None		68410-23-1	None	A None O None
ORGANOPHILIC CLAY				PROPYLENE CARBONATE	108-32-7	0.0	A None

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

			O None			15 min STEL
						A 200.0 ppm
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	108-65-6	3.7	D 10.0 ppm			D 50.0 ppm
			8 & 12 hour TWA			8 & 12 hour TWA
			A None			O None
			O None			
				TITANIUM DIOXIDE		
QUARTZ-CRYSTALLINE SILICA	14808-60-7	None	O 0.1 mg/m ³	13463-67-7	None	A 10.0 mg/m ³
			Respirable Dust			D 10.0 mg/m ³
			D 0.1 mg/m ³			Total Dust
			Respirable Dust			O 15.0 mg/m ³
			A 50.0 ug/m ³			Total Dust
			Respirable Dust			D 5.0 mg/m ³
						Respirable Dust
QUINACRIDONE PIGMENT	1047-16-1	None	O 15.0 mg/m ³	TITANIUM DIOXIDE/ALUMINUM HYDRATE/AMORPHOUS SILICA		
			Total Dust	Not Avail	None	A None
			PNOR			O None
			A 10.0 mg/m ³			
			Inhalable dust	TOFA, REACTION PRODUCTS W/TEPA		
			A 3.0 mg/m ³	68953-36-6	20.6 @ 21.0°C	A None
			Respirable Particulate			O None
				TOLUENE		
TETRAETHYLENEPENTAMINE				108-88-3	22.0	O 300.0 ppm
	112-57-2	None	A None			CEIL
			O None			O 500.0 ppm
						10 min TWA
						O 200.0 ppm
TETRAHYDROFURAN						D 50.0 ppm
	109-99-9	160.0@25.0°C	D 75.0 ppm			8 & 12 hour TWA
			15 min TWA			A 50.0 ppm
			A 250.0 ppm			

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

TRADE SECRET	Not Avail	7.5 @ 21.0°F	Skin	1,2,4-TRIMETHYL BENZENE	95-63-6	7.0 @ 44.4°C	A 25.0 ppm O 25.0 ppm
			A None	2-ETHYLHEXYL GLYCIDYL ETHER	Not Avail	None	A None O None
			O None				
UREA FORMALDEHYDE RESIN	68002-19-7	5.5	A None	2,4,6- TRI((DIMETHYLAMINO)METHYL) PHENOL	90-72-2	0.0 @ 21.0°C	A None O None
			O None				
XYLENE	1330-20-7	9.0 @ 25.0°C	A 150.0 ppm	4,6-DIMETHYL-2-HEPTANONE	19549-80-5	None	A None O None
			15 min STEL				
			D 150.0 ppm				
YELLOW IRON OXIDE	51274-00-1	None	15 min STEL				
			A 100.0 ppm				
			O 100.0 ppm				
ZINC OXIDE	1314-13-2	None	D 100.0 ppm				
			8 & 12 hour TWA				

*A=ACGIH, O=OSHA, D=DuPont, S=Suppliers. Limits are 8 hour TWA unless otherwise specified. Vapor pressure @25°C unless otherwise noted.

SECTION 3 - Hazards Information

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.

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:

ACRYLIC POLYMER-A

May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath. Contact may cause skin irritation with discomfort or rash. May cause eye irritation with discomfort, tearing, or blurred vision.

ACRYLIC POLYMER-B

Skin contact may cause any of the following: mild irritation

AMIDOAMINE RESIN-B

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

Contact may cause skin irritation with discomfort or rash.
Causes eye corrosion and permanent injury.

AMIDOAMINE RESIN-C

Contact may cause skin irritation with discomfort or rash.
Contact may cause skin burns.
Causes eye corrosion and permanent injury.
Causes severe eye irritation.

AROMATIC HYDROCARBON-A

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.

AROMATIC HYDROCARBON-B

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.

BENZYL ALCOHOL

Material is irritating to mucous membranes and upper respiratory tract. May cause central nervous system effects such as dizziness, headache, nausea, and loss of consciousness. Contact may cause skin irritation with discomfort or rash. May cause eye irritation with discomfort, tearing, or blurred vision. May be a weak skin sensitizer. Skin permeation can occur in amounts capable of producing the effects of systemic toxicity.

BISPHENOL A/EPICHLOROHYDRIN POLYMER

Has shown mutagenic activity in laboratory cell culture tests.
Repeated exposure may cause allergic skin rash, itching, swelling.

BISPHENOL-EPICHLOROHYDRIN TYPE POLYMER

The following medical conditions may be aggravated by exposure:
skin disorders
Vapor may be irritating at elevated temperatures. Repeated or prolonged skin contact may cause any of the following:
allergic skin rash

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.

CALCIUM PHOSPHOSILICATE

Ingestion may cause any of the following: nausea vomiting
gastrointestinal irritation diarrhea
Repeated or prolonged eye contact may cause any of the following: corneal injury
The following medical conditions may be aggravated by overexposure: lung disease pulmonary condition

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

CUMENE

Skin contact may cause any of the following: irritation discomfort rash
Eye contact may cause any of the following: blurred vision irritation discomfort tearing

DIACETONE ALCOHOL

Recurrent overexposure may result in liver and kidney injury.

DIATOMACEOUS EARTH

Repeated and prolonged overexposure may lead to chronic lung disease.

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.

DIOCTYL PHTHALATE

Cancer hazard based on tests with laboratory animals.
Overexposure may create cancer risk. Tests in animals demonstrate reproductive toxicity.

EPOXY HARDENER

If ingested, may be: moderately toxic
Skin or eye contact may cause any of the following: severe irritation

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

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.

ETHYLENE GLYCOL MONOBUTYLETHER

Increased susceptibility to the effects of this material may be

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

observed in people with preexisting disease of any of the following: bone marrow central nervous system eyes gastrointestinal system kidneys liver respiratory system skin May cause injury to the kidneys, liver, blood and/or bone marrow. Repeated overexposure may result in damage to the blood. Eye contact may cause corneal injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother. If absorbed through the skin, may be: harmful DuPont has classified this as: not likely to be a human carcinogen

GLYCIDYL ESTER OF TERT CARBOXYLIC ACID

May cause eye irritation with discomfort, tearing, or blurred vision. High doses in laboratory animals have shown non-specific effects such as irritation, weight loss, moderate blood changes.

GLYCIDYL ETHER OF ALKYL PHENOL

Contact may cause skin irritation with discomfort or rash. May cause eye irritation with discomfort, tearing, or blurred vision.

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

LIGHT YELLOW LEMON YELLOW OXIDE PIGMENT

Contact may cause skin irritation with discomfort or rash. May cause eye irritation with discomfort, tearing, or blurred vision.

MEDIUM MINERAL SPIRITS

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 This substance may cause damage to any of the following organs/systems: blood central nervous system eyes kidneys liver lungs reproductive system skin 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.

METHYL ETHYL KETONE

Material is irritating to mucous membranes and upper respiratory tract. Persons with certain types of neurological disease such as multiple sclerosis should consult a physician prior to exposure. 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

Contact may cause skin irritation with discomfort or rash. Can irritate or burn eyes. Prolonged or repeated overexposure may cause any of the following: conjunctivitis dermatitis High concentrations have caused embryotoxic effects in laboratory animals. Methyl ethyl ketone has been demonstrated to potentiate (i.e., shorten the time of onset) the peripheral neuropathy caused by either n-hexane or methyl n-butyl ketone. MEK by itself has not been demonstrated to cause peripheral neuropathy. Mice that were force fed (gavage) showed teratogenic effects embryofetotoxicity and maternal toxicity. The no observed effect level was estimated to be 25g/50 kg (110 lb.) woman. Laboratory animals exposed to high airborne levels showed tissue changes in the nasal passages. Aspiration may occur during swallowing or vomiting, resulting in lung damage. May cause central nervous system depression with headache, stupor, uncoordinated or strange behavior, or unconsciousness.

METHYL ISOBUTYL KETONE

The following medical conditions may be aggravated by exposure: asthma respiratory disease eye disorders pulmonary condition 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

MICA

Repeated and prolonged overexposure may lead to chronic lung disease.

N-BUTYL ALCOHOL

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

NAPHTHALENE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: kidneys liver Recurrent overexposure may result in liver and kidney injury. WARNING: This chemical is known to the State of California to cause cancer.

PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE

May cause eye irritation with discomfort, tearing, or blurred vision. May cause moderate eye burning. Recurrent overexposure may result in liver and kidney injury. May cause irritation of the upper respiratory passages.

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

TETRAETHYLENEPENTAMINE

Causes eye corrosion and permanent injury. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning. Inhalation overexposure may cause lung injury, fluid in the lung, and difficulty in breathing. Inhalation of vapor may cause any of the following:

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

TETRAHYDROFURAN

Tests in some laboratory animals demonstrate carcinogenic activity. May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath. 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: liver lungs. Contact may cause skin irritation with discomfort or rash. May cause eye irritation with discomfort, tearing, or blurred vision. Can be absorbed through the skin in harmful amounts. Liquid splashes in the eye may result in chemical burns. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother. May cause central nervous system depression with headache, stupor, uncoordinated or strange behavior, or unconsciousness. Inhalation may cause headache and drowsiness.

TITANIUM DIOXIDE

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.

TOFA, REACTION PRODUCTS W/TEPA

Contact may cause skin irritation with discomfort or rash. May cause eye irritation with discomfort, tearing, or blurred vision.

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 heartbeats 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.

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

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 heartbeats. 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

YELLOW IRON OXIDE

Eye contact may cause any of the following: mechanical irritation

2,4,6- TRI((DIMETHYLAMINO)METHYL) PHENOL

The following medical conditions may be aggravated by exposure: asthma respiratory disease eye disorders skin disorders. Skin contact may cause any of the following: severe irritation burns.

Eye contact may cause any of the following: severe irritation burns blindness.

Repeated or prolonged exposure may cause effects on any of the following organs/systems: nervous system respiratory system skin and eyes.

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:

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.

SECTION 5 - Firefighting Measures

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

Flammable limits LFL 0.0 % UFL 13.1 %

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 & 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

Steps to be taken in case material is released or spilled:

Ventilate area. Remove sources of ignition. Prevent skin and eye contact and breathing of vapor. 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.

MSDS DIC 7

EPOXY PRIMERS, ENAMELS, AND ACTIVATORS

January 1, 2003

SECTION 7 - Handling and Storage

Precautions to be taken in handling and storing:

Observe label precautions. If combustible (flashpoint between 100 - 200°F), keep away from heat, sparks and flame. If flammable (flashpoint less than 100°F), also keep away from static discharges and other sources of ignition. If material is extremely flammable (flashpoint less than 20°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°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 respirator or appropriate ventilation, and gloves.

SECTION 8 - Exposure Controls or Personal Protection

Engineering controls and work practices:

Ventilation:

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

Respiratory:

Do not breathe vapors or mists. Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A) during application and until all vapors and spray mists are exhausted. In confined spaces, or in situations where continuous spray operations are typical, or if proper air-purifying respirator fit is not possible, wear a positive pressure, supplied-air respirator (NIOSH TC-19C). In all cases, follow respirator manufacturer's directions for respirator use. Do not permit anyone without protection in the painting area.

Protective clothing:

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
Solubility in water	NIL
Vapor Density	Heavier than air
Approx. boiling range (°C)	No Data Available
Approx. freezing range (°C)	-92 - -88(°C)
Gallon weight (lbs./gal)	7.69 - 13.95
Specific gravity	0.92 - 1.67
Percent volatile by volume	1.79 - 52.43
Percent volatile by weight	0.96 - 43.55
Percent solids by volume	47.57 - 98.21
Percent solids by weight	56.46 - 99.05

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°F) and

combustibles (flashpoint between 100-200°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:

Not Applicable

SECTION 11 - Additional Information

PRODUCT CODE

INGREDIENTS (Product Specific)

1LB25P™ Amidoamine Resin-B (14.8%), Amorphous Silica-A (1.6%), Aromatic Hydrocarbon-B (9.9%), Calcium Phosphosilicate (5.1%), Glycidyl Ether Of Alkyl Phenol (11.4%), Hydrous Magnesium Silicate (2.8%), Mica (18.6%), Quartz-Crystalline Silica (1.0%), Titanium Dioxide (25.3%), 1,2,4-Trimethyl Benzene (2-7%*), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.5%)

GAL WT: 12.87 WT PCT SOLIDS: 83.97 VOL PCT SOLIDS: 71.43

SOLVENT DENSITY: 7.22 VOC LE: 2.1 VOC AP: 2.1

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

TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

2MB25P™ Amidoamine Resin-B (16.9%), Amorphous Silica-A (1.0%), Aromatic Hydrocarbon-B (11.0%), Calcium Phosphosilicate (6.1%), Cumene (0-1%*), Glycidyl Ether Of Alkyl Phenol (13.0%), Hydrous Magnesium Silicate (3.3%), Mica (23.1%), Quartz-Crystalline Silica (1.2%), Titanium Dioxide (14.2%), 1,2,4-Trimethyl Benzene (2-8%*), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.8%)

GAL WT: 11.87 WT PCT SOLIDS: 82.16 VOL PCT SOLIDS: 70.66

SOLVENT DENSITY: 7.22 VOC LE: 2.1 VOC AP: 2.1

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

TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

3DB25P™ Amidoamine Resin-B (18.9%), Aromatic Hydrocarbon-B (10.4%), Calcium Phosphosilicate (6.6%), Glycidyl Ether Of Alkyl Phenol (14.5%), Hydrous Magnesium Silicate (3.6%), Mica (26.6%), Quartz-Crystalline Silica (1.4%), Titanium Dioxide (7.5%), 1,2,4-Trimethyl Benzene (2-7%*), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (2.0%)

GAL WT: 11.44 WT PCT SOLIDS: 83.02 VOL PCT SOLIDS: 73.08

SOLVENT DENSITY: 7.22 VOC LE: 1.9 VOC AP: 1.9

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

TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

4NB25P™ Amidoamine Resin-B (19.9%), Aromatic Hydrocarbon-B (12.6%), Calcium Phosphosilicate (6.9%), Cumene (0-1%*), Glycidyl Ether Of Alkyl Phenol (15.3%), Hydrous Magnesium Silicate (3.8%), Mica (28.7%), Quartz-Crystalline Silica (1.5%), 1,2,4-Trimethyl Benzene (2-9%*), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (2.1%)

GAL WT: 10.73 WT PCT SOLIDS: 79.61 VOL PCT SOLIDS: 69.69

SOLVENT DENSITY: 7.22 VOC LE: 2.2 VOC AP: 2.2

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

TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

MSDS DIC 7

EPOXY PRIMERS, ENAMELS, AND ACTIVATORS

January 1, 2003

LF-6AL25P™ Aluminum (24.3%), Amidoamine Resin-B (19.0%), Amorphous Silica-A (2.4%), Aromatic Hydrocarbon-B (8.7%), Calcium Phosphosilicate (6.6%), Glycidyl Ether Of Alkyl Phenol (14.4%), Hydrous Magnesium Silicate (3.6%), Medium Mineral Spirits (13.1%), 1,2,4-Trimethyl Benzene (1.6%), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.9%)
GAL WT: 9.86 WT PCT SOLIDS: 72.97 VOL PCT SOLIDS: 60.82
SOLVENT DENSITY: 6.81 VOC LE: 2.7 VOC AP: 2.7
FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-63225P™ Amidoamine Resin-B (13.6%), Amorphous Silica-A (1.5%), Aromatic Hydrocarbon-B (9.1%), Glycidyl Ether Of Alkyl Phenol (10.5%), Mica (17.2%), Quartz-Crystalline Silica (0.9%), Titanium Dioxide (23.4%), Zinc Oxide (15.2%), 1,2,4-Trimethyl Benzene (1.7%), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.4%)
GAL WT: 13.96 WT PCT SOLIDS: 85.24 VOL PCT SOLIDS: 71.45
SOLVENT DENSITY: 7.22 VOC LE: 2.1 VOC AP: 2.1
FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-63325P™ Amidoamine Resin-B (16.6%), Aromatic Hydrocarbon-B (10.8%), Calcium Phosphosilicate (6.0%), Carbon Black (0.2%), Cumene (0.1%), Glycidyl Ether Of Alkyl Phenol (12.8%), Hydrous Magnesium Silicate (3.3%), Mica (22.6%), Quartz-Crystalline Silica (1.2%), Titanium Dioxide (13.9%), 1,2,4-Trimethyl Benzene (2.8%), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.7%)
GAL WT: 11.88 WT PCT SOLIDS: 81.94 VOL PCT SOLIDS: 70.35
SOLVENT DENSITY: 7.24 VOC LE: 2.1 VOC AP: 2.1
FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-63525P™ Amidoamine Resin-B (14.6%), Amorphous Silica-A (1.6%), Aromatic Hydrocarbon-B (9.8%), Calcium Phosphosilicate (5.1%), Glycidyl Ether Of Alkyl Phenol (11.3%), Hydrous Magnesium Silicate (2.8%), Mica (18.5%), Quartz-Crystalline Silica (1.0%), Titanium Dioxide (25.1%), 1,2,4-Trimethyl Benzene (2.7%), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.5%)
GAL WT: 12.88 WT PCT SOLIDS: 83.90 VOL PCT SOLIDS: 71.30
SOLVENT DENSITY: 7.23 VOC LE: 2.1 VOC AP: 2.1
FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-63725P™ Amidoamine Resin-B (14.7%), Amorphous Silica-A (1.6%), Aromatic Hydrocarbon-B (9.8%), Calcium Phosphosilicate (5.1%), Glycidyl Ether Of Alkyl Phenol (11.3%), Hydrous Magnesium Silicate (2.8%), Mica (18.6%), Quartz-Crystalline Silica (1.0%), Titanium Dioxide (25.2%), 1,2,4-Trimethyl Benzene (2.7%), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.5%)
GAL WT: 12.87 WT PCT SOLIDS: 83.92 VOL PCT SOLIDS: 71.35
SOLVENT DENSITY: 7.23 VOC LE: 2.1 VOC AP: 2.1
FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-71125P™ Amidoamine Resin-B (13.1%), Aromatic Hydrocarbon-B (8.9%), Barium Sulfate (26.8%), Calcium Phosphosilicate (5.6%), Glycidyl

Ether Of Alkyl Phenol (10.1%), Hydrous Magnesium Silicate (3.1%), Iron Oxide (8.9%), Mica (13.8%), Quartz-Crystalline Silica (1.3%), 1,2,4-Trimethylbenzene (1.6%), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.4%)
GAL WT: 13.93 WT PCT SOLIDS: 85.31 VOL PCT SOLIDS: 71.72
SOLVENT DENSITY: 7.24 VOC LE: 2.0 VOC AP: 2.0
FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

525-333™ Amidoamine Resin-B (8.5%), Barium Sulfate (24.7%), Calcium Phosphosilicate (6.1%), Diisobutyl Ketone (6.0%), Ethylene Glycol Monobutylether (8.3%), Glycidyl Ether Of Alkyl Phenol (6.5%), Hydrous Magnesium Silicate (12.9%), Kaolin (10.8%), Methyl Amyl Ketone (5.2%), Methyl Ethyl Ketone (5.8%), 2,4,6- Tri((Dimethylamino)Methyl) Phenol (1.2%), 4,6-Dimethyl-2-Heptanone (1.5%)
GAL WT: 12.33 WT PCT SOLIDS: 72.66 VOL PCT SOLIDS: 51.35
SOLVENT DENSITY: 6.83 VOC LE: 3.4 VOC AP: 3.4
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 1 OSHA STORAGE: IB
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

1LB26P™ Aluminum Hydrate (1.3%), Amorphous Silica-A (2.1%), Aromatic Hydrocarbon-B (5.6%), Barium Sulfate (6.8%), Bisphenol-Epichlorohydrin Type Polymer (30.4%), Diacetone Alcohol (7.0%), Ethylbenzene (0.2%), Hydrous Magnesium Silicate (4.1%), Titanium Dioxide (34.0%), Xylene (1.1%), 1,2,4-Trimethyl Benzene (1.4%)
GAL WT: 13.50 WT PCT SOLIDS: 80.85 VOL PCT SOLIDS: 65.18
SOLVENT DENSITY: 7.25 VOC LE: 2.6 VOC AP: 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

2MB26P™ Amorphous Silica-A (1.1%), Aromatic Hydrocarbon-B (5.1%), Barium Sulfate (15.4%), Bisphenol-Epichlorohydrin Type Polymer (33.3%), Diacetone Alcohol (7.9%), Ethylbenzene (0.2%), Ethylene Glycol Monobutylether (1.4%), Hydrous Magnesium Silicate (9.4%), Titanium Dioxide (17.8%), Xylene (1.2%), 1,2,4-Trimethyl Benzene (1.4%)
GAL WT: 12.92 WT PCT SOLIDS: 79.96 VOL PCT SOLIDS: 65.22
SOLVENT DENSITY: 7.29 VOC LE: 2.6 VOC AP: 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

3DB26P™ Aromatic Hydrocarbon-B (4.3%), Barium Sulfate (20.7%), Bisphenol-Epichlorohydrin Type Polymer (34.2%), Diacetone Alcohol (8.6%), Ethylbenzene (0.2%), Ethylene Glycol Monobutylether (1.8%), Hydrous Magnesium Silicate (12.6%), Titanium Dioxide (9.2%), Xylene (1.2%), 1,2,4-Trimethyl Benzene (1.3%)
GAL WT: 12.80 WT PCT SOLIDS: 80.02 VOL PCT SOLIDS: 65.78
SOLVENT DENSITY: 7.32 VOC LE: 2.6 VOC AP: 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

4NB26P™ Aromatic Hydrocarbon-B (2.8%), Barium Sulfate (25.9%), Bisphenol-Epichlorohydrin Type Polymer (36.8%), Diacetone Alcohol (9.3%), Ethylbenzene (0.2%), Ethylene Glycol Monobutylether (2.3%), Hydrous Magnesium Silicate (15.8%), Xylene (1.2%), 1,2,4-Trimethyl Benzene (0.2%)
GAL WT: 12.67 WT PCT SOLIDS: 81.17 VOL PCT SOLIDS: 68.25
SOLVENT DENSITY: 7.34 VOC LE: 2.4 VOC AP: 2.4

MSDS DIC 7

EPOXY PRIMERS, ENAMELS, AND ACTIVATORS

January 1, 2003

FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-63226P™ Aluminum Hydrate (1.3%), Amorphous Silica-A (2.1%), Aromatic Hydrocarbon-B (5.9%), Barium Sulfate (6.8%), Bisphenol-Epichlorohydrin Type Polymer (30.0%), Diacetone Alcohol (7.0%), Ethylbenzene (0.2%*), Hydrous Magnesium Silicate (4.1%), Titanium Dioxide (33.9%), Xylene (1-1%*), 1,2,4-Trimethyl Benzene (1-4%*)
GAL WT: 13.45 **WT PCT SOLIDS:** 80.35 **VOL PCT SOLIDS:** 64.37
SOLVENT DENSITY: 7.25 **VOC LE:** 2.6 **VOC AP:** 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-63326P™ Aluminum Hydrate (1.3%), Amorphous Silica-A (2.0%), Aromatic Hydrocarbon-B (5.4%), Barium Sulfate (7.2%), Bisphenol-Epichlorohydrin Type Polymer (29.4%), Carbon Black (0.2%), Diacetone Alcohol (6.8%), Ethylbenzene (0.2%*), Hydrous Magnesium Silicate (4.0%), Titanium Dioxide (33.0%), Xylene (1-1%*), 1,2,4-Trimethyl Benzene (1-4%*)
GAL WT: 13.48 **WT PCT SOLIDS:** 80.56 **VOL PCT SOLIDS:** 64.80
SOLVENT DENSITY: 7.28 **VOC LE:** 2.6 **VOC AP:** 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-63526P™ Aluminum Hydrate (1.3%), Amorphous Silica-A (2.1%), Aromatic Hydrocarbon-B (5.8%), Barium Sulfate (6.7%), Bisphenol-Epichlorohydrin Type Polymer (30.8%), Diacetone Alcohol (6.9%), Ethylbenzene (0.2%*), Hydrous Magnesium Silicate (4.1%), Titanium Dioxide (33.3%), Xylene (1-1%*), 1,2,4-Trimethyl Benzene (1-4%*)
GAL WT: 13.39 **WT PCT SOLIDS:** 80.63 **VOL PCT SOLIDS:** 65.04
SOLVENT DENSITY: 7.26 **VOC LE:** 2.6 **VOC AP:** 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-63726P™ Aluminum Hydrate (1.3%), Amorphous Silica-A (2.0%), Aromatic Hydrocarbon-B (5.7%), Barium Sulfate (6.7%), Bisphenol-Epichlorohydrin Type Polymer (31.2%), Diacetone Alcohol (6.8%), Ethylbenzene (0.2%*), Hydrous Magnesium Silicate (4.0%), Titanium Dioxide (33.0%), Xylene (1-1%*), 1,2,4-Trimethyl Benzene (1-4%*)
GAL WT: 13.35 **WT PCT SOLIDS:** 80.71 **VOL PCT SOLIDS:** 65.31
SOLVENT DENSITY: 7.26 **VOC LE:** 2.6 **VOC AP:** 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-64026P™ Aromatic Hydrocarbon-B (6.0%), Barium Sulfate (34.1%), Bisphenol-Epichlorohydrin Type Polymer (28.6%), Carbon Black (1.0%), Diacetone Alcohol (7.2%), Ethylbenzene (0.2%*), Hydrous Magnesium Silicate (2.7%), Kaolin (13.2%), Xylene (1-1%*), 1,2,4-Trimethyl Benzene (1-4%*)
GAL WT: 13.56 **WT PCT SOLIDS:** 80.91 **VOL PCT SOLIDS:** 65.00
SOLVENT DENSITY: 7.21 **VOC LE:** 2.6 **VOC AP:** 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-66226P™ Acrylic Polymer-C(1.3%), Aromatic Hydrocarbon-B (6.7%), Barium Sulfate (10.5%), Bisphenol-Epichlorohydrin Type Polymer (37.7%), Diacetone Alcohol (8.4%), Ethylbenzene (0.2%*), Hydrous Magnesium Silicate (6.4%), Isocyanate Pigment (10.1%), Monoazo Pigment (4.2%), Titanium Dioxide (4.7%), Xylene (1-2%*), 1,2,4-Trimethyl Benzene (1-5%*)
GAL WT: 11.19 **WT PCT SOLIDS:** 76.65 **VOL PCT SOLIDS:** 64.73
SOLVENT DENSITY: 7.19 **VOC LE:** 2.6 **VOC AP:** 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-66326P™ Acrylic Polymer-C(3.5%), Aromatic Hydrocarbon-B (7.3%), Barium Sulfate (2.6%), Bisphenol-Epichlorohydrin Type Polymer (39.3%), Butyl Acetate (1.8%), Diacetone Alcohol (8.4%), Ethylbenzene (0.2%*), Hydrous Magnesium Silicate (1.5%), Light Yellow Lemon Yellow Oxide Pigment (1.2%), Monoazo Pigment (11.0%), Propylene Carbonate (1.8%), Tetrahydrofuran (1.2%), Titanium Dioxide (12.0%), Xylene (1-1%*), 1,2,4-Trimethyl Benzene (1-5%*)
GAL WT: 10.58 **WT PCT SOLIDS:** 73.31 **VOL PCT SOLIDS:** 62.61
SOLVENT DENSITY: 7.51 **VOC LE:** 2.8 **VOC AP:** 2.8
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-66426P™ Acrylic Polymer-C(1.5%), Aromatic Hydrocarbon-B (6.6%), Barium Sulfate (10.4%), Bisphenol-Epichlorohydrin Type Polymer (41.2%), Diacetone Alcohol (9.4%), Ethylbenzene (0.2%*), Hydrous Magnesium Silicate (6.3%), Monoazo Pigment (5.3%), Quinacridone Pigment (8.1%), Titanium Dioxide (1.3%), Xylene (1-2%*), 1,2,4-Trimethyl Benzene (1-5%*)
GAL WT: 10.59 **WT PCT SOLIDS:** 75.43 **VOL PCT SOLIDS:** 65.05
SOLVENT DENSITY: 7.27 **VOC LE:** 2.6 **VOC AP:** 2.6
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-66526P™ Aromatic Hydrocarbon-B (3.1%), Barium Sulfate (19.3%), Bisphenol A/Epichlorohydrin Polymer (3.1%), Bisphenol Epichlorohydrin Type Polymer (29.3%), Diacetone Alcohol (8.1%), Ethyl Acetate (2.2%), Ethylbenzene (0.2%*), Ethylene Glycol Monobutylether (1.7%*), Hydrous Magnesium Silicate (11.8%), Isopropyl Alcohol (2.2%), Phthalocyanine Blue Pigment (1.3%), Titanium Dioxide (8.6%), Xylene (1-1%*), 1,2,4-Trimethyl Benzene (0-2%*)
GAL WT: 12.35 **WT PCT SOLIDS:** 76.71 **VOL PCT SOLIDS:** 61.07
SOLVENT DENSITY: 7.26 **VOC LE:** 2.9 **VOC AP:** 2.9
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

LF-6AL90P™ Aluminum (4.6%), Amorphous Silica-A (1.5%), Bisphenol Epichlorohydrin Type Polymer (48.4%), Dioctyl Phthalate (7.7%*), Ethylbenzene (1.0%*), Medium Mineral Spirits (2.5%), Organophilic Clay (3.8%), Quartz-Crystalline Silica (24.9%), Xylene (4-5%*)
GAL WT: 11.12 **WT PCT SOLIDS:** 90.83 **VOL PCT SOLIDS:** 85.26
SOLVENT DENSITY: 6.92 **VOC LE:** 1.0 **VOC AP:** 1.0
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

MSDS DIC 7

EPOXY PRIMERS, ENAMELS, AND ACTIVATORS

January 1, 2003

LF-64090P™ Bisphenol-Epichlorohydrin Type Polymer (44.1%), Black Iron Oxide (6.9%), Dioctyl Phthalate (7.0%*), Ethylbenzene (0.8%*), Organophilic Clay (3.8%), Quartz-Crystalline Silica (32.2%), Xylene (3-4%*)
GAL WT: 12.21 WT PCT SOLIDS: 93.97 VOL PCT SOLIDS: 89.63
SOLVENT DENSITY: 7.10 VOC LE: 0.7 VOC AP: 0.7
FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-63290P™ Bisphenol-Epichlorohydrin Type Polymer (43.3%), Dioctyl Phthalate (6.9%*), Ethylbenzene (0.8%*), Organophilic Clay (3.8%), Quartz-Crystalline Silica (19.3%), Titanium Dioxide (19.5%), Xylene (3-4%*)
GAL WT: 12.57 WT PCT SOLIDS: 93.95 VOL PCT SOLIDS: 89.30
SOLVENT DENSITY: 7.11 VOC LE: 0.8 VOC AP: 0.8
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-63790P™ Bisphenol-Epichlorohydrin Type Polymer (43.1%), Dioctyl Phthalate (6.9%*), Ethylbenzene (0.8%*), Iron Oxide (10.3%), Organophilic Clay (3.7%), Quartz-Crystalline Silica (29.3%), Xylene (4-4%*)
GAL WT: 12.56 WT PCT SOLIDS: 93.97 VOL PCT SOLIDS: 89.34
SOLVENT DENSITY: 7.11 VOC LE: 0.8 VOC AP: 0.8
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-71190P™ Bisphenol-Epichlorohydrin Type Polymer (43.6%), Dioctyl Phthalate (7.0%*), Ethylbenzene (0.8%*), Iron Oxide (10.3%), Organophilic Clay (3.7%), Quartz-Crystalline Silica (29.3%), Xylene (4-4%*)
GAL WT: 12.37 WT PCT SOLIDS: 93.90 VOL PCT SOLIDS: 89.39
SOLVENT DENSITY: 7.11 VOC LE: 0.8 VOC AP: 0.7
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

LF-63590P™ Bisphenol-Epichlorohydrin Type Polymer (43.0%), Dioctyl Phthalate (6.9%*), Ethylbenzene (0.8%*), Organophilic Clay (3.8%), Quartz-Crystalline Silica (19.2%), Titanium Dioxide (19.4%), Xylene (3-4%*)
GAL WT: 12.58 WT PCT SOLIDS: 93.99 VOL PCT SOLIDS: 89.36
SOLVENT DENSITY: 7.11 VOC LE: 0.8 VOC AP: 0.8
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

823Y67632™ Barium Sulfate (9.7%), Bisphenol A/Epichlorohydrin Polymer (25.3%), Ethyl Acetate (6.6%), Hydrous Magnesium Silicate (13.3%), Isopropyl Alcohol (3.5%), N-Butyl Alcohol (5.6%*), Propylene Glycol Monomethyl Ether Acetate (10.3%), Titanium Dioxide (17.0%), Toluene (4.9%*)
GAL WT: 11.97 WT PCT SOLIDS: 68.01 VOL PCT SOLIDS: 47.89
SOLVENT DENSITY: 7.35 VOC LE: 3.8 VOC AP: 3.8
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: NO

823Y67633™ Barium Sulfate (9.3%), Bisphenol A/Epichlorohydrin Polymer (25.9%), Carbon Black (0.2%), Ethyl Acetate (6.9%), Hydrous Magnesium Silicate (12.7%), Isopropyl Alcohol (3.7%), N-Butyl Alcohol (5.7%*), Propylene Glycol Monomethyl Ether Acetate (10.0%), Titanium Dioxide (16.1%), Toluene (5.1%*)
GAL WT: 11.81 WT PCT SOLIDS: 67.44 VOL PCT SOLIDS: 47.57
SOLVENT DENSITY: 7.33 VOC LE: 3.8 VOC AP: 3.8
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: NO

823Y67635™ Barium Sulfate (9.6%), Bisphenol A/Epichlorohydrin Polymer (25.3%), Ethyl Acetate (6.8%), Hydrous Magnesium Silicate (13.2%), Isopropyl Alcohol (3.5%), N-Butyl Alcohol (5.6%*), Propylene Glycol Monomethyl Ether Acetate (10.2%), Titanium Dioxide (16.8%), Toluene (4.9%*)
GAL WT: 11.95 WT PCT SOLIDS: 67.85 VOL PCT SOLIDS: 47.68
SOLVENT DENSITY: 7.34 VOC LE: 3.8 VOC AP: 3.8
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: NO

823Y67637™ Barium Sulfate (9.7%), Bisphenol A/Epichlorohydrin Polymer (25.3%), Ethyl Acetate (6.9%), Hydrous Magnesium Silicate (13.2%), Isopropyl Alcohol (3.5%), N-Butyl Alcohol (5.6%*), Propylene Glycol Monomethyl Ether Acetate (10.2%), Titanium Dioxide (16.8%), Toluene (4.9%*)
GAL WT: 11.93 WT PCT SOLIDS: 67.74 VOL PCT SOLIDS: 47.60
SOLVENT DENSITY: 7.34 VOC LE: 3.8 VOC AP: 3.8
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: NO

VF-333™ Barium Sulfate (12.0%), Bisphenol-Epichlorohydrin Type Polymer (19.4%), Diisobutyl Ketone (4.3%), Ethyl Acetate (3.4%), Ethylene Glycol Monobutylether (12.2%*), Hydrous Magnesium Silicate (10.4%), Kaolin (11.7%), Methyl Ethyl Ketone (2.8%*), Phenolic Polymer (7.6%), Titanium Dioxide (8.6%), Urea Formaldehyde Resin (1.1%), 4,6-Dimethyl-2-Heptanone (1.1%)
GAL WT: 12.05 WT PCT SOLIDS: 74.54 VOL PCT SOLIDS: 57.24
SOLVENT DENSITY: 7.02 VOC LE: 3.1 VOC AP: 3.0
FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: NO

VF-455™ Barium Sulfate (11.7%), Bisphenol-Epichlorohydrin Type Polymer (19.1%), Ethyl Acetate (3.2%), Hydrous Magnesium Silicate (9.5%), Kaolin (11.5%), Methyl Ethyl Ketone (11.0%*), Phenolic Polymer (7.1%), Titanium Dioxide (8.4%), Toluene (11.8%*), Urea Formaldehyde Resin (1.1%)
GAL WT: 11.64 WT PCT SOLIDS: 72.23 VOL PCT SOLIDS: 53.72
SOLVENT DENSITY: 6.87 VOC LE: 3.2 VOC AP: 3.2
FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

VF-525™ Bisphenol-Epichlorohydrin Type Polymer (36.0%), Ethyl Acetate (5.4%), Hydrous Magnesium Silicate (27.9%), N-Butyl Alcohol (2.4%*), Phenolic Polymer (14.1%), Toluene (10.0%*)
GAL WT: 10.74 WT PCT SOLIDS: 80.88 VOL PCT SOLIDS: 71.74
SOLVENT DENSITY: 7.26 VOC LE: 2.1 VOC AP: 2.1

MSDS DIC 7

EPOXY PRIMERS, ENAMELS, AND ACTIVATORS

January 1, 2003

FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

VF-026™ Acrylic Polymer-A (10.2%), Amidoamine Resin-C (20.9%), Amine Salt Of Polycarboxylic Acid (1.0%), Amorphous Silica-Fumed (2.0%), Aromatic Hydrocarbon-A (1.0%), Aromatic Hydrocarbon-B (10.4%), Calcium Phosphosilicate (3.7%), Glycidyl Ester Of Tert Carboxylic Acid (10.7%), Hydrous Magnesium Silicate (5.6%), Kaolin (3.8%), Methyl Ethyl Ketone (9.0%*), Mica (9.4%), N-Butyl Alcohol (3.1%*), Quartz-Crystalline Silica (0.5%), 1,2,4-Trimethyl Benzene (2.7%*), 2,4,6-Tri((Dimethylamino)Methyl) Phenol (2.1%)
GAL WT: 9.26 WT PCT SOLIDS: 70.42 VOL PCT SOLIDS: 60.90
SOLVENT DENSITY: 7.00 VOC LE: 2.7 VOC AP: 2.7
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

VG-026™ Acrylic Polymer-A (25.6%), Amidoamine Resin-C (23.0%), Aromatic Hydrocarbon-B (11.3%), Cumene (0.1%*), Glycidyl Ester Of Tert Carboxylic Acid (11.8%), Methyl Ethyl Ketone (11.6%*), N-Butyl Alcohol (7.7%*), 1,2,4-Trimethyl Benzene (2.8%*), 2,4,6-Tri((Dimethylamino)Methyl) Phenol (2.3%)
GAL WT: 7.86 WT PCT SOLIDS: 62.79 VOL PCT SOLIDS: 58.04
SOLVENT DENSITY: 6.94 VOC LE: 2.9 VOC AP: 2.9
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

525-450™ Amorphous Silica-B (1.1%), Bisphenol-Epichlorohydrin Type Polymer (24.7%), Calcium Carbonate (6.3%), Hydrous Magnesium Silicate (26.0%), Methyl Isobutyl Ketone (9.9%*), Organoclay (2.1%), Quartz-Crystalline Silica (2.7%), Titanium Dioxide (8.2%), Toluene (9.2%*), Xylene (8.2%*)
GAL WT: 11.91 WT PCT SOLIDS: 72.49 VOL PCT SOLIDS: 53.25
SOLVENT DENSITY: 7.00 VOC LE: 3.3 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 **PHOTOCHEMICALLY REACTIVE:** YES

525-451™ Amorphous Silica-B (1.1%), Bisphenol-Epichlorohydrin Type Polymer (24.7%), Calcium Carbonate (6.3%), Hydrous Magnesium Silicate (26.0%), Methyl Isobutyl Ketone (9.9%*), Organoclay (2.1%), Quartz-Crystalline Silica (2.7%), Titanium Dioxide (8.2%), Toluene (9.2%*), Xylene (8.2%*)
GAL WT: 11.91 WT PCT SOLIDS: 72.49 VOL PCT SOLIDS: 53.25
SOLVENT DENSITY: 7.00 VOC LE: 3.3 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 **PHOTOCHEMICALLY REACTIVE:** YES

VG-400™ Polyamide Resin (56.5%), Toluene (19.3%*), Xylene (24.2%*)
GAL WT: 7.69 WT PCT SOLIDS: 56.46 VOL PCT SOLIDS: 53.64
SOLVENT DENSITY: 7.22 VOC LE: 3.3 VOC AP: 3.3
FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 1 OSHA STORAGE: IB
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

525-2420™ Bisphenol-Epichlorohydrin Type Polymer (48.6%), Hydrous Magnesium Silicate (39.6%), Para-Nonylphenol (4.9%), 2-Ethylhexyl Glycidyl Ether (4.7%)
GAL WT: 12.30 WT PCT SOLIDS: 99.05 VOL PCT SOLIDS: 98.21
SOLVENT DENSITY: 6.59 VOC LE: 0.1 VOC AP: 0.1
FLASH POINT: Above 200°F H: 2 F: 1 R: 0 OSHA STORAGE: IIIIB
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** NO

FG-090™ Benzyl Alcohol (4.4%), Epoxy Hardener (2.0%), Ethylbenzene (0.2%*), Organophilic Clay (4.0%), Quartz-Crystalline Silica (44.5%), Tetraethylenepentamine (5.7%), Tofa, Reaction Products W/Tepa (32.6%), Trade Secret (3.4%), 2,4,6-Tri((Dimethylamino)Methyl) Phenol (2.3%)
GAL WT: 11.51 WT PCT SOLIDS: 94.67 VOL PCT SOLIDS: 92.67
SOLVENT DENSITY: 8.39 VOC LE: 0.6 VOC AP: 0.6
FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

VF-335™ Barium Sulfate (11.8%), Bisphenol-Epichlorohydrin Type Polymer (19.1%), Carbon Black (0.2%), Ethyl Acetate (3.1%), Hydrous Magnesium Silicate (10.2%), Kaolin (11.6%), Methyl Amyl Ketone (1.4%), Methyl Ethyl Ketone (8.1%*), Phenolic Polymer (7.5%), Titanium Dioxide (8.4%), Toluene (11.7%*), Urea Formaldehyde Resin (1.1%)
GAL WT: 11.85 WT PCT SOLIDS: 74.30 VOL PCT SOLIDS: 56.50
SOLVENT DENSITY: 6.89 VOC LE: 3.0 VOC AP: 3.0
FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

FG-334™ Acrylic Polymer-B (1.0%), Barium Sulfate (11.5%), Bisphenol-Epichlorohydrin Type Polymer (18.6%), Diisobutyl Ketone (4.2%), Ethyl Acetate (3.3%), Ethylene Glycol Monobutylether (11.9%*), Hydrous Magnesium Silicate (9.9%), Kaolin (11.3%), Methyl Amyl Ketone (1.6%), Methyl Ethyl Ketone (2.7%*), Monoazo Pigment (1.4%), Phenolic Polymer (7.7%), Titanium Dioxide/Aluminum Hydrate/Amorphous Silica (9.0%), Urea Formaldehyde Resin (1.1%), 4,6-Dimethyl-2-Heptanone (1.0%)
GAL WT: 11.85 WT PCT SOLIDS: 74.05 VOL PCT SOLIDS: 56.99
SOLVENT DENSITY: 7.15 VOC LE: 3.1 VOC AP: 3.1
FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IA

TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** NO

525-A8603™ Aromatic Hydrocarbon-A (22.5%), Bisphenol-Epichlorohydrin Type Polymer (48.8%), Diatomaceous Earth (5.7%), Ethylbenzene (0.8%*), Hydrous Magnesium Silicate (9.2%), Naphthalene (1.3%*), Quartz-Crystalline Silica (8.6%), 1,2,4-Trimethyl Benzene (0.3%*)
GAL WT: 10.12 WT PCT SOLIDS: 73.12 VOL PCT SOLIDS: 63.19
SOLVENT DENSITY: 7.38 VOC LE: 2.7 VOC AP: 2.7
FLASH POINT: 100°F - 141°F H: 3 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance **PHOTOCHEMICALLY REACTIVE:** YES

525-B8603™ Amidoamine Resin-A (1.7%*), Ethylbenzene (0.7%*), Hydrous Magnesium Silicate (33.8%), N-Butyl Alcohol (24.9%*), Polyamide Resin (16.4%), Quartz-Crystalline Silica (10.4%), Titanium Dioxide (7.4%), Yellow Iron Oxide (1.6%)
GAL WT: 11.95 WT PCT SOLIDS: 73.65 VOL PCT SOLIDS: 53.48
SOLVENT DENSITY: 6.74 VOC LE: 3.1 VOC AP: 3.1
FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0

MSDS DIC 7
EPOXY PRIMERS, ENAMELS, AND ACTIVATORS
January 1, 2003

OSHA STORAGE: IC

TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: NO

525-AB601™ Aromatic Hydrocarbon-A (19.3%), Bisphenol-Epichlorohydrin Type Polymer (51.0%), Ethylbenzene (0.8%*), Hydrous Magnesium Silicate (24.5%), Naphthalene (1-2%*), 1,2,4-Trimethyl Benzene (0-2%*)
GAL WT: 10.47 WT PCT SOLIDS: 76.83 VOL PCT SOLIDS: 67.15
SOLVENT DENSITY: 7.38 VOC LE: 2.4 VOC AP: 2.4
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 0 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

525-BB601™ Aluminum Hydrate (1.8%), Amidoamine Resin-A (1.8%*), Ethylbenzene (0.6%*), Hydrous Magnesium Silicate (8.1%), N-Butyl Alcohol (25.8%*), Polysulfide Resin (16.4%), Quartz-Crystalline Silica (5.7%), Titanium Dioxide (37.5%)
GAL WT: 12.47 WT PCT SOLIDS: 72.83 VOL PCT SOLIDS: 49.98
SOLVENT DENSITY: 6.74 VOC LE: 3.4 VOC AP: 3.4
FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0
OSHA STORAGE: IC
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: NO

6AL90P™ Aluminum (4.6%*), Amorphous Silica-A (1.5%), Bisphenol Epichlorohydrin Type Polymer (48.4%), Dioctyl Phthalate (7.7%*), Ethylbenzene (1.0%*), Medium Mineral Spirits (2.5%), Organophilic Clay (3.8%), Quartz-Crystalline Silica (24.9%), Xylene (4-5%*)
GAL WT: 11.12 WT PCT SOLIDS: 90.83 VOL PCT SOLIDS: 85.26
SOLVENT DENSITY: 6.92 VOC LE: 1.0 VOC AP: 1.0
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In compliance PHOTOCHEMICALLY REACTIVE: YES

Footnotes:

TSCA: In compliance = In compliance with TSCA Inventory requirements for commercial purposes.

ACGIH = American Conference of Government 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.

@ = Clean Air Act Hazardous Air Pollutant.

= EPCRA Section 302 - Extremely Hazardous Substance.

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: E. L. Taylor