

SECTION 1 - Product and Company Identification

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

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

Product: **Tufcote® Polyacryl Anhydride Enamels**

DOT Shipping Name: See DOT addendum.

Hazardous Materials Information: See Section 10.

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Ethyl alcohol	64-17-5	46.0	A 1000.0 ppm O 1000.0 ppm D 1000.0 ppm 8 & 12 hour TWA
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
Ethylene glycol monobutyl ether	111-76-2	0.6	A 20.0 ppm O 50.0 ppm Skin D 5.0 ppm Skin
Ethylene glycol monobutyl ether acetate	112-07-2	0.3	A 20.0 ppm D 10.0 ppm Skin O None

SECTION 2 - Composition/information on ingredients

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Acrylic polymer	Not Avail	None	A None O None
Acrylic polymer-A	30261-69-9	None	A None O None
Acrylic polymer-B	42767-92-0	None	A None O None
Aluminum hydrate	21645-51-2	None	A None O None
Amorphous silica	7631-86-9	None	A 10.0 mg/m3 Total Dust O 20.0 mppcf D 3.0 mg/m3
Azo yellow pigment	31837-42-0	None	A 10.0 mg/m3 O 5.0 mg/m3 Respirable Dust O 15.0 mg/m3
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
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
Cycloaliphatic glycidyl ester	5493-45-8	None	A None O None
Dimethyl glutarate	1119-40-0	0.2	D 10.0 mg/m3 A None O None
Epoxide resins, liquid	68609-97-2	<0.1	A None O None
Ethyl acetate	141-78-6	93.2@25.0°C	A 400.0 ppm O 400.0 ppm
Isoindolinone pigment	36888-99-0	None	A None O None
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
Methyl amyl ketone	110-43-0	3.4	A 50.0 ppm O 100.0 ppm
Methyl ethyl ketone	78-93-3	89.0 @ 0.0	A 300.0ppm 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
Monoazo pigment	12236-62-3	None	A 10.0 mg/m3 inhalable dust particulate O 15.0 mg/m3 Total Dust O 5.0 mg/m3 Respirable Dust
N,n-dimethylethanolamine	108-01-0	4.4	D 2.0 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

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS	
Phthalocyanine blue pigment	147-14-8	None	A 10.0 mg/m3 inhalable dust PNOC A 3.0 mg/m3 respirable particulate PNOC O 15.0 mg/m3 Total Dust PNOR O 5.0 mg/m3 TWA Respirable Dust PNOR	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 Skin or eye contact may cause any of the following: irritation. Acrylic polymer-B Skin contact may cause any of the following: mild irritation. Bis(1,2,2,6,6-pentamethyl-4-piperidiny) 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. Cycloaliphatic glycidyl ester May be a weak skin sensitizer. Epoxide resins, liquid The following medical conditions may be aggravated by exposure: allergies, eczema, skin disorders. Irritating to the mouth, throat and stomach. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. 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.
Polyglycidyl ether	NotAvail	None	A None O None	
Propylene glycol monomethyl ether acetate	108-65-6	3.8	D 10.0 ppm 8 & 12 hour TWA A None O None	
Substituted benzotriazole	25973-55-1	None	A None O None	
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	
Toluene	108-88-3	22.0	A 50.0 ppm Skin O 300.0 ppm CEIL O 500.0 ppm 10 min TWA O 200.0 ppm D 50.0 ppm 8 & 12 hour TWA	
Triethylenediamine	280-57-9	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 O 100.0 ppm D 150.0 ppm 15 min STEL 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 @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.

Ingestion:

Ethylene glycol monobutyl ether

Increased susceptibility to the effects of this material may be 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.

Ethylene glycol monobutyl ether acetate

May destroy red blood cells. May cause abnormal kidney function. May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath. The following medical conditions may be aggravated by exposure: central nervous system, gastrointestinal system, kidneys, liver, dermatitis. Can be absorbed through the skin in harmful amounts. Overexposure may cause damage to any of the following organs/systems: blood, kidneys, liver. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness.

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.

N,n-dimethylethanolamine

Repeated exposure may result in an asthmatic reaction. The following medical conditions may be aggravated by exposure: dermatitis, respiratory disease, impaired pulmonary function. Contact may cause skin irritation with discomfort or rash. Causes eye corrosion and permanent injury. Can be absorbed through the skin in harmful amounts. May be a weak skin sensitizer. Overexposure may cause damage to any of the following organs/systems: respiratory system. Prolonged skin contact may cause chemical burns. May cause marked irritation of the mouth, throat, esophagus and stomach. Signs and symptoms of poisoning will include abdominal and chest pain or discomfort, nausea, vomiting, diarrhea, and malaise. Aspiration may occur during swallowing or vomiting, resulting in lung damage. May cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, coughing and possibly accompanied by chest pain. Liquid or vapor causes irritation, experienced as stinging, excess blinking and tear production, with excess redness and swelling of the conjunctiva. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness.

N-butyl alcohol

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

Propylene glycol monomethyl ether acetate

Recurrent overexposure may result in liver and kidney injury.

Substituted benzotriazole

The following medical conditions may be aggravated by exposure: jaundice, liver disease. Repeated or prolonged ingestion may cause any of the following: changes in the blood, liver effects.

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.

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.

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.

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.

SECTION 5 - Fire-fighting measures

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

Flammable Limits: LFL 0.5% 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

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.

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 / 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. 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 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
Solubility in Water	NIL
Vapor Density	Heavier than air
Approx. Boiling Range(°C)	No data available
Approx. Freezing Range(°C)	-82.3 - -88 °C
Gallon weight (lbs/gal)	7.05 - 12.44
Specific Gravity	0.84 - 1.49
Percent Volatile by Volume	11.17 - 95.57
Percent Volatile by Weight	8.83 - 94.21
Percent Solid by Volume	4.43 - 88.83
Percent Solid by Weight	5.79 - 91.18

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**Product Code****Ingredients (Product Specific)**

50PC2™ Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate(1.2%), Ethyl acetate(2.5%), Ethyl alcohol(45.3%), Ethylene glycol monobutyl ether(33.4%*), Methyl alcohol(2.5%* @), N,n-dimethylethanolamine(4.4%), N-butyl alcohol(5.3%*), Substituted benzotriazole(1.6%), Triethylenediamine(2.6%)

GAL WT: 7.05 WT PCT SOLIDS: 5.79 VOL PCT SOLIDS: 4.43

SOLVENT DENSITY: 6.96 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

50PD™ Ethylene glycol monobutyl ether(74.4%*),

N,n-dimethylethanolamine(12.5%), Triethylenediamine(12.5%)

GAL WT: 7.71 WT PCT SOLIDS: 12.50 VOL PCT SOLIDS: 10.15

SOLVENT DENSITY: 7.51 VOC LE: 6.7 VOC AP: 6.7

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

TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

50PA2™ Acrylic polymer(65.0%), Ethylbenzene(2.3 - 5.7%* @), Propylene glycol monomethyl ether acetate(12.1%), Xylene(17.1 - 20.5%* @)

GAL WT: 8.68 WT PCT SOLIDS: 65.00 VOL PCT SOLIDS: 59.33

SOLVENT DENSITY: 7.48 VOC LE: 3.0 VOC AP: 3.0

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

320-29011™ Acrylic polymer(17.7%), Amorphous silica(1.6%), Butyl acetate(6.1%), Carbon black(1.3%), Cycloaliphatic glycidyl ester(12.0%), Epoxide resins, liquid(7.6%), Ethylbenzene(0.6 - 1.4%* @), Ethylene glycol monobutyl ether acetate(2.0%* @), Methyl amyl ketone(1.6%), Polyglycidyl ether(21.8%), Propylene glycol monomethyl ether acetate(4.8%), Titanium dioxide(15.1%), Xylene(4.1 - 5.0%* @)

GAL WT: 10.34 WT PCT SOLIDS: 78.51 VOL PCT SOLIDS: 70.32

SOLVENT DENSITY: 7.48 VOC LE: 2.2 VOC AP: 2.2

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

750P™ Acrylic polymer-A(11.1%), Amorphous silica(2.2%), Cycloaliphatic glycidyl ester(22.0%), Dimethyl glutarate(1.3%), Epoxide resins, liquid(10.7%), Ethylbenzene(0.6 - 1.4%* @), Ethylene glycol monobutyl ether acetate(6.3%* @), Polyglycidyl ether(39.9%), Xylene(4.2 - 5.1%* @)

GAL WT: 9.63 WT PCT SOLIDS: 85.96 VOL PCT SOLIDS: 82.53

SOLVENT DENSITY: 7.67 VOC LE: 1.4 VOC AP: 1.4

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

751P™ Acrylic polymer-A(11.3%), Cycloaliphatic glycidyl ester(22.5%), Epoxide resins, liquid(15.7%), Ethylbenzene(0.5 - 1.4%* @), Ethylene glycol monobutyl ether acetate(2.5%* @), Polyglycidyl ether(40.7%), Xylene(4.1 - 4.9%* @)

GAL WT: 9.53 WT PCT SOLIDS: 91.18 VOL PCT SOLIDS: 88.83

SOLVENT DENSITY: 7.50 VOC LE: 0.8 VOC AP: 0.8

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

LF-63250P™ Acrylic polymer-B(14.2%), Aluminum hydrate(1.3%),

Amorphous silica(3.0%), Cycloaliphatic glycidyl ester(9.0%), Epoxide resins, liquid(4.5%), Ethylbenzene(0.2 - 0.6%* @), Ethylene glycol monobutyl ether acetate(2.5%* @), Methyl amyl ketone(3.2%), Polyglycidyl ether(16.0%), Propylene glycol monomethyl ether acetate(9.3%), Titanium dioxide(33.5%), Xylene(1.8 - 2.1%* @)

GAL WT: 12.44 WT PCT SOLIDS: 81.69 VOL PCT SOLIDS: 70.34

SOLVENT DENSITY: 7.67 VOC LE: 2.3 VOC AP: 2.3

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

LF-63350P™ Acrylic polymer-A(12.9%), Aluminum hydrate(1.1%), Amorphous silica(2.6%), Carbon black(0.3%), Cycloaliphatic glycidyl ester(10.4%), Epoxide resins, liquid(5.4%), Ethylbenzene(0.3 - 0.9%* @), Ethylene glycol monobutyl ether acetate(2.5%* @), Methyl amyl ketone(11.7%), Methyl ethyl ketone(1.2%), Polyglycidyl ether(18.2%), Titanium dioxide(28.3%), Xylene(2.6 - 3.1%* @)

GAL WT: 11.53 WT PCT SOLIDS: 80.07 VOL PCT SOLIDS: 67.34

SOLVENT DENSITY: 7.04 VOC LE: 2.3 VOC AP: 2.3

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

LF-63550P™ Acrylic polymer-B(10.2%), Aluminum hydrate(1.4%), Amorphous silica(3.1%), Cycloaliphatic glycidyl ester(9.2%), Epoxide resins, liquid(4.5%), Ethylbenzene(0.2 - 0.6%* @), Ethylene glycol monobutyl ether acetate(2.6%* @), Methyl amyl ketone(11.4%), Methyl ethyl ketone(1.2%), Polyglycidyl ether(16.6%), Titanium dioxide(35.2%), Xylene(1.8 - 2.1%* @)

GAL WT: 12.43 WT PCT SOLIDS: 81.44 VOL PCT SOLIDS: 67.21

SOLVENT DENSITY: 7.04 VOC LE: 2.3 VOC AP: 2.3

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

LF-63750P™ Acrylic polymer-B(10.6%), Aluminum hydrate(1.3%), Amorphous silica(3.1%), Cycloaliphatic glycidyl ester(9.3%), Epoxide resins, liquid(4.6%), Ethylbenzene(0.2 - 0.6%* @), Ethylene glycol monobutyl ether acetate(2.6%* @), Methyl amyl ketone(11.5%), Methyl ethyl ketone(1.2%), Polyglycidyl ether(16.7%), Titanium dioxide(35.0%), Xylene(1.9 - 2.2%* @)

GAL WT: 12.34 WT PCT SOLIDS: 81.31 VOL PCT SOLIDS: 67.22

SOLVENT DENSITY: 7.04 VOC LE: 2.3 VOC AP: 2.3

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

LF-66250P™ Acrylic polymer-B(17.3%), Butyl acetate(1.8%), Cycloaliphatic glycidyl ester(14.2%), Epoxide resins, liquid(7.6%), Ethylbenzene(0.4 - 0.9%* @), Ethylene glycol monobutyl ether acetate(2.4%* @), Isoindolinone pigment(5.3%), Methyl amyl ketone(2.8%), Monoazo pigment(5.0%), Polyglycidyl ether(21.5%), Propylene glycol monomethyl ether acetate(12.5%), Titanium dioxide(1.9%), Xylene(2.8 - 3.4%* @)

GAL WT: 9.64 WT PCT SOLIDS: 74.93 VOL PCT SOLIDS: 68.49

SOLVENT DENSITY: 7.67 VOC LE: 2.4 VOC AP: 2.4

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

LF-66350P™ Acrylic polymer-A(12.8%), Amorphous silica(1.6%), Azo yellow pigment(6.4%), Cycloaliphatic glycidyl ester(14.4%), Epoxide resins, liquid(9.2%), Ethylbenzene(0.4 - 0.9%* @), Ethylene glycol monobutyl ether acetate(3.7%* @), Methyl amyl ketone(12.0%), Methyl ethyl ketone(2.1%), Polyglycidyl ether(25.9%), Titanium dioxide(5.3%), Xylene(2.7 - 3.2%* @)

GAL WT: 9.59 WT PCT SOLIDS: 76.79 VOL PCT SOLIDS: 68.59

SOLVENT DENSITY: 7.08 VOC LE: 2.2 VOC AP: 2.2

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

LF-66550P™ Acrylic polymer-B(18.0%), Amorphous silica(1.8%), Cycloaliphatic glycidyl ester(13.3%), Epoxide resins, liquid(7.4%), Ethylbenzene(0.3 - 0.9%* @), Ethylene glycol monobutyl ether acetate(2.7%* @), Methyl amyl ketone(13.0%), Methyl ethyl ketone(1.1%), Phthalocyanine blue pigment(1.9%), Polyglycidyl ether(20.7%), Titanium dioxide(13.6%), Toluene(1.1 - 1.2%* @), Xylene(2.6 - 3.1%* @)

GAL WT: 10.04 WT PCT SOLIDS: 77.73 VOL PCT SOLIDS: 68.22

SOLVENT DENSITY: 7.04 VOC LE: 2.2 VOC AP: 2.2

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

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. du Pont 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: HazCom Coordinator