

**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: **Waterborne Paints**

DOT Shipping Name: See DOT addendum.

Hazardous Materials Information: See Section 10.

**INGREDIENTS**

**CAS #**

**VAPOR PRESSURE**

**EXPOSURE LIMITS**

Diethylene glycol

111-46-6

0.0

D 10.0 mg/m3  
8 & 12 hour TWA  
Aerosol  
D 100.0 ppm  
8 & 12 hour TWA  
Vapor  
A None  
O None

Diethylene glycol monomethyl ether

111-77-3

0.2

A None  
O None

Hydrous magnesium silicate

14807-96-6

None

A 2.0 mg/m3  
Respirable Dust  
D 0.5 mg/m3  
8 & 12 hour TWA  
Respirable Dust  
O None

**SECTION 2 - Composition/information on ingredients**

**INGREDIENTS CAS # VAPOR PRESSURE EXPOSURE LIMITS**

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
1,2-ethanediol	107-21-1	0.1@25.0°C	A 100.0 mg/m3 CEIL Aerosol D 10.0 mg/m3 particulate D 50.0 mg/m3 Vapor O None
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	0.0	A None O None
Acrylic polymer	NotAvail	None	A None O None
Aluminum hydrate	21645-51-2	None	A None O None
Aluminum silicate	1335-30-4	None	A 10.0 mg/m3 O 15.0 mg/m3
Amorphous silica	7631-86-9	None	A 10.0 mg/m3 Total Dust O 20.0 mppcf D 3.0 mg/m3
Anthraquinone pigment	NotAvail	None	A 10.0 mg/m3 O None
C.i. pigment violet 23	6358-30-1	None	A None O None
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
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
Cristobalite siO2	14464-46-1	None	A 50.0 ug/m3 D 0.1 mg/m3 Respirable Dust O None

Iron oxide

1309-37-1

None

A 5.0 mg/m3  
O 10.0 mg/m3

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

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

Monoazo yellow pigment

NotAvail

None

A 10.0 mg/m3  
O None

Monolite fast red

NotAvail

None

A None  
O None

Nonyl ethoxylate/lecithin

NotAvail

24.0@25.0°C

A None  
O None

Permanent red fgr

NotAvail

None

A None  
O None

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

Phthalocyanine green pigment

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
	14302-13-7	None	A None O None
Propylene glycol	57-55-6	0.1	A None O None
Pyrazolone orange	15793-73-4	None	A None O None
Quartz-crystalline silica	14808-60-7	<0.0	A 50.0 ug/m3 Respirable Dust O 0.1 mg/m3 Respirable Dust D 0.1 mg/m3 Respirable Dust
Quinacridone pigment	1047-16-1	None	A 10.0 mg/m3 inhalable dust A 3.0 mg/m3 O 15.0 mg/m3 Total Dust PNOR O 5.0 mg/m3 Respirable Dust D 10.0 mg/m3 Total Dust
Raw umber	12713-03-0	None	A None O None
Soya lecithin	8002-43-5	None	A None O None
Surfactant	NotAvail	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
Water	7732-18-5	23.6	A None O None
Yellow iron oxide	51274-00-1	None	A 10.0 mg/m3 O 15.0 mg/m3

\*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:

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: 1,2-ethanediol

Overexposure may cause any of the following effects: central nervous system effects, kidney effects. Has been shown to produce dose related teratogenic effects in rats and mice when given orally in high concentrations. Overexposure may cause any of the following effects: dermatitis. The following medical conditions may be aggravated by overexposure: kidney disorders.

#### Acrylic polymer

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: skin. Ingestion may cause abdominal discomfort, nausea, vomiting, and diarrhea. Skin or eye contact may cause any of the following: irritation.

#### 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.

#### Diethylene glycol

May cause abnormal kidney function. May cause abnormal liver function. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

#### Diethylene glycol monomethyl ether

Has caused slight embryofetal (delayed development) but no increase in birth defects in laboratory animals. Can be absorbed through the skin in harmful amounts. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning.

#### Iron oxide

Ingestion may cause: any of the following: gastric disturbances. Skin or eye contact may cause any of the following: mechanical irritation. Inhalation may cause any of the following: respiratory tract irritation.

#### Kaolin

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

#### Monoazo yellow pigment

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

#### 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.

#### Raw umber

May cause eye irritation with discomfort, tearing, or blurred vision.

#### 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.

### 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% UFL 22%

**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)	100 - 198 °C
Approx. Freezing Range( °C)	No Data Available
Gallon weight (lbs/gal)	8.87 - 17.61
Specific Gravity	1.06 - 2.11
Percent Volatile by Volume	46.64 - 79.43
Percent Volatile by Weight	24.70 - 66.10
Percent Solid by Volume	20.57 - 53.36
Percent Solid by Weight	33.90 - 75.30

**SECTION 10 - Stability and reactivity****Stability:**

Stable

**Incompatibility (materials to avoid):**

None reasonably foreseeable

**Hazardous Decomposition Products:**

CO, CO<sub>2</sub>, 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**

1LB72P™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.3%), Acrylic polymer(25.0%), Amorphous silica(1.2%), Diethylene glycol monomethyl

**Ingredients (Product Specific)**

ether(4.9%\*), Titanium dioxide(20.2%), Water(44.4%)  
**GAL WT: 10.21 WT PCT SOLIDS: 47.50 VOL PCT SOLIDS: 35.54**  
**SOLVENT DENSITY: 8.32 VOC LE: 1.8 VOC AP: 0.8**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**2MB72P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.3%), Acrylic polymer(25.6%), Aluminum silicate(1.9%), Diethylene glycol monomethyl ether(4.9%\*), Titanium dioxide(15.5%), Water(46.9%)  
**GAL WT: 9.90 WT PCT SOLIDS: 44.90 VOL PCT SOLIDS: 34.43**  
**SOLVENT DENSITY: 8.32 VOC LE: 1.8 VOC AP: 0.8**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**3DB72P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.6%), Acrylic polymer(29.2%), Aluminum silicate(5.4%), Diethylene glycol monomethyl ether(5.5%\*), Titanium dioxide(6.9%), Water(48.4%)  
**GAL WT: 9.38 WT PCT SOLIDS: 42.50 VOL PCT SOLIDS: 35.13**  
**SOLVENT DENSITY: 8.31 VOC LE: 1.9 VOC AP: 0.9**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**4NB72P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(3.0%), Acrylic polymer(31.6%), Diethylene glycol monomethyl ether(4.2%\*), Kaolin(6.1%), Surfactant(1.5%), Water(51.6%)  
**GAL WT: 8.89 WT PCT SOLIDS: 39.84 VOL PCT SOLIDS: 35.61**  
**SOLVENT DENSITY: 8.30 VOC LE: 1.7 VOC AP: 0.8**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**250-72755™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.6%), Acrylic polymer(28.3%), Diethylene glycol monomethyl ether(3.7%\*), Kaolin(5.0%), Permanent red fgr(3.1%), Propylene glycol(1.6%), Water(50.4%), Yellow iron oxide(1.2%)  
**GAL WT: 8.97 WT PCT SOLIDS: 40.49 VOL PCT SOLIDS: 35.81**  
**SOLVENT DENSITY: 8.28 VOC LE: 1.8 VOC AP: 0.8**  
**FLASH POINT: Above 200° F H: 0 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**300P™** 1,2-ethanediol(1.5%\*), Acrylic polymer(8.7%), Calcium carbonate(55.4%), Cristobalite siO<sub>2</sub>(0.9%), Quartz-crystalline silica(0.5%), Surfactant(1.3%), Titanium dioxide(3.2%), Water(25.9%)  
**GAL WT: 13.94 WT PCT SOLIDS: 72.03 VOL PCT SOLIDS: 53.36**  
**SOLVENT DENSITY: 8.36 VOC LE: 0.5 VOC AP: 0.3**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**310Y5101™** 1,2-ethanediol(1.5%\*), Acrylic polymer(12.5%), Quartz-crystalline silica(22.3%), Titanium dioxide(12.8%), Water(47.0%)  
**GAL WT: 11.27 WT PCT SOLIDS: 50.76 VOL PCT SOLIDS: 33.49**  
**SOLVENT DENSITY: 8.34 VOC LE: 0.7 VOC AP: 0.2**  
**FLASH POINT: Above 200° F H: 3 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**AXX™** 1,2-ethanediol(23.4%\*), Diethylene glycol(7.8%), Hydrus magnesium silicate(14.6%), Monoazo pigment(25.8%), Nonyl ethoxylate/lecithin(11.8%), Water(16.0%)  
**GAL WT: 10.70 WT PCT SOLIDS: 52.80 VOL PCT SOLIDS: 43.52**  
**SOLVENT DENSITY: 8.93 VOC LE: 4.4 VOC AP: 3.3**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**B™** 1,2-ethanediol(22.3%\*), Carbon black(9.0%), Diethylene glycol(7.4%), Hydrus magnesium silicate(28.8%), Nonyl ethoxylate/lecithin(14.6%), Water(17.9%)  
**GAL WT: 11.20 WT PCT SOLIDS: 52.40 VOL PCT SOLIDS: 39.98**  
**SOLVENT DENSITY: 8.89 VOC LE: 4.4 VOC AP: 3.3**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**C™** 1,2-ethanediol(16.7%\*), Diethylene glycol(5.6%), Hydrus magnesium silicate(1.6%), Nonyl ethoxylate/lecithin(5.4%), Water(13.5%), Yellow iron oxide(57.2%)

**GAL WT: 15.60 WT PCT SOLIDS: 64.20 VOL PCT SOLIDS: 37.22**  
**SOLVENT DENSITY: 8.89 VOC LE: 4.7 VOC AP: 3.5**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**D™** 1,2-ethanediol(23.7%\*), Diethylene glycol(7.9%), Hydrus magnesium silicate(32.4%), Phthalocyanine green pigment(9.9%), Surfactant(11.2%), Water(14.9%)  
**GAL WT: 11.88 WT PCT SOLIDS: 53.50 VOL PCT SOLIDS: 38.16**  
**SOLVENT DENSITY: 8.94 VOC LE: 4.8 VOC AP: 3.8**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**E™** 1,2-ethanediol(27.8%\*), Diethylene glycol(9.3%), Hydrus magnesium silicate(42.3%), Phthalocyanine blue pigment(10.2%), Water(10.4%)  
**GAL WT: 12.50 WT PCT SOLIDS: 52.50 VOL PCT SOLIDS: 34.32**  
**SOLVENT DENSITY: 9.04 VOC LE: 5.5 VOC AP: 4.6**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**F™** 1,2-ethanediol(13.9%\*), Diethylene glycol(4.6%), Hydrus magnesium silicate(1.8%), Iron oxide(58.2%), Nonyl ethoxylate/lecithin(10.2%), Water(11.3%)  
**GAL WT: 16.69 WT PCT SOLIDS: 70.20 VOL PCT SOLIDS: 43.96**  
**SOLVENT DENSITY: 8.89 VOC LE: 4.0 VOC AP: 3.1**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**GX™** 1,2-ethanediol(36.4%\*), Anthraquinone pigment(5.6%), Diethylene glycol(12.1%), Hydrus magnesium silicate(24.3%), Nonyl ethoxylate/lecithin(4.0%), Water(17.6%)  
**GAL WT: 10.81 WT PCT SOLIDS: 33.90 VOL PCT SOLIDS: 20.57**  
**SOLVENT DENSITY: 9.00 VOC LE: 6.8 VOC AP: 5.2**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**H™** 1,2-ethanediol(32.9%\*), Diethylene glycol(11.0%), Hydrus magnesium silicate(34.1%), Monolite fast red(4.6%), Nonyl ethoxylate/lecithin(3.9%), Soya lecithin(1.3%), Water(12.2%)  
**GAL WT: 11.48 WT PCT SOLIDS: 43.90 VOL PCT SOLIDS: 28.71**  
**SOLVENT DENSITY: 9.05 VOC LE: 6.1 VOC AP: 5.0**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**I™** 1,2-ethanediol(18.6%\*), Carbon black(2.4%), Diethylene glycol(6.2%), Hydrus magnesium silicate(16.9%), Iron oxide(21.5%), Nonyl ethoxylate/lecithin(6.8%), Water(20.0%), Yellow iron oxide(7.6%)  
**GAL WT: 13.40 WT PCT SOLIDS: 55.20 VOL PCT SOLIDS: 31.87**  
**SOLVENT DENSITY: 8.82 VOC LE: 4.9 VOC AP: 3.3**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**J™** 1,2-ethanediol(29.7%\*), C.i. pigment violet 23(2.3%), Diethylene glycol(9.9%), Hydrus magnesium silicate(35.5%), Nonyl ethoxylate/lecithin(10.0%), Water(12.4%)  
**GAL WT: 11.49 WT PCT SOLIDS: 48.00 VOL PCT SOLIDS: 33.83**  
**SOLVENT DENSITY: 9.03 VOC LE: 5.5 VOC AP: 4.6**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**KX™** 1,2-ethanediol(13.2%\*), Aluminum hydrate(2.0%), Amorphous silica(3.2%), Diethylene glycol(4.4%), Hydrus magnesium silicate(10.9%), Nonyl ethoxylate/lecithin(6.9%), Titanium dioxide(52.3%), Water(7.1%)  
**GAL WT: 17.61 WT PCT SOLIDS: 75.30 VOL PCT SOLIDS: 51.70**  
**SOLVENT DENSITY: 8.98 VOC LE: 3.6 VOC AP: 3.1**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**L™** 1,2-ethanediol(21.7%\*), Carbon black(0.4%), Diethylene glycol(7.2%), Hydrus magnesium silicate(25.5%), Iron oxide(3.3%), Nonyl ethoxylate/lecithin(9.2%), Raw umber(19.6%), Water(13.1%)

**GAL WT: 12.90 WT PCT SOLIDS: 58.00 VOL PCT SOLIDS: 39.52**  
**SOLVENT DENSITY: 8.95 VOC LE: 4.7 VOC AP: 3.7**  
**FLASH POINT: Above 200° F H: 2 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**LF-63272P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.3%), Acrylic polymer(24.9%), Amorphous silica(1.3%), Diethylene glycol monomethyl ether(4.9%\* @), Titanium dioxide(20.9%), Water(43.7%)  
**GAL WT: 10.28 WT PCT SOLIDS: 48.20 VOL PCT SOLIDS: 35.94**  
**SOLVENT DENSITY: 8.31 VOC LE: 1.8 VOC AP: 0.8**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**LF-63372P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.3%), Acrylic polymer(24.3%), Carbon black(0.3%), Diethylene glycol monomethyl ether(5.1%\* @), Kaolin(5.0%), Surfactant(1.8%), Titanium dioxide(10.8%), Water(47.6%)  
**GAL WT: 9.67 WT PCT SOLIDS: 43.70 VOL PCT SOLIDS: 34.50**  
**SOLVENT DENSITY: 8.31 VOC LE: 1.9 VOC AP: 0.8**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**LF-64072P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(1.7%), Acrylic polymer(32.0%), Aluminum silicate(5.5%), Carbon black(1.4%), Diethylene glycol monomethyl ether(5.6%\* @), Surfactant(1.3%), Water(50.6%)  
**GAL WT: 8.87 WT PCT SOLIDS: 41.02 VOL PCT SOLIDS: 37.13**  
**SOLVENT DENSITY: 8.32 VOC LE: 1.6 VOC AP: 0.7**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**LF-66272P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.6%), Acrylic polymer(28.0%), Diethylene glycol monomethyl ether(3.7%\* @), Kaolin(5.4%), Monoazo yellow pigment(1.6%), Pyrazolone orange(1.5%), Surfactant(2.0%), Water(51.3%)  
**GAL WT: 8.94 WT PCT SOLIDS: 40.62 VOL PCT SOLIDS: 36.19**  
**SOLVENT DENSITY: 8.32 VOC LE: 1.6 VOC AP: 0.7**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**LF-66372P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.4%), Acrylic polymer(26.3%), Carbon black(0.1%), Diethylene glycol monomethyl ether(5.2%\* @), Kaolin(5.2%), Monoazo yellow pigment(2.0%), Surfactant(1.8%), Titanium dioxide(4.7%), Water(50.1%)  
**GAL WT: 9.19 WT PCT SOLIDS: 41.35 VOL PCT SOLIDS: 35.28**  
**SOLVENT DENSITY: 8.33 VOC LE: 1.8 VOC AP: 0.8**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**LF-66472P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.7%), Acrylic polymer(28.5%), Diethylene glycol monomethyl ether(3.8%\* @), Kaolin(5.5%), Quinacridone pigment(4.3%), Surfactant(1.7%), Water(52.3%)  
**GAL WT: 8.89 WT PCT SOLIDS: 40.76 VOL PCT SOLIDS: 36.66**  
**SOLVENT DENSITY: 8.31 VOC LE: 1.4 VOC AP: 0.6**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**LF-66572P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.7%), Acrylic polymer(28.3%), Carbon black(0.1%), Diethylene glycol monomethyl ether(5.7%\* @), Kaolin(5.5%), Surfactant(1.3%), Titanium dioxide(3.5%), Water(50.2%)  
**GAL WT: 9.11 WT PCT SOLIDS: 40.55 VOL PCT SOLIDS: 35.00**  
**SOLVENT DENSITY: 8.33 VOC LE: 1.9 VOC AP: 0.8**  
**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**LF-66672P™** 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.7%), Acrylic polymer(28.3%), Carbon black(0.1%), Diethylene glycol monomethyl ether(5.7%\* @), Kaolin(5.5%), Surfactant(1.3%), Titanium dioxide(3.5%), Water(50.2%)  
**GAL WT: 9.11 WT PCT SOLIDS: 40.55 VOL PCT SOLIDS: 35.00**  
**SOLVENT DENSITY: 8.33 VOC LE: 1.9 VOC AP: 0.8**

**FLASH POINT: Above 200° F H: 1 F: 1 R: 0 OSHA STORAGE: IIIIB**  
**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 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