

**1. Identification of the substance/mixture and of the company/undertaking**

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

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

Product: **Imron® Polyurethane Enamel Tints and 500S Enamel Clear**

DOT Shipping Name: See DOT Addendum.

Hazardous Materials Information: See Section 10.

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**2. Composition/information on ingredients**

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
	96591-17-2	None	A None, O None
1,2,4-trimethyl benzene	95-63-6	7.0@44.4 °C	A 25.0 ppm, O 25.0 ppm
2-methyl butyl acetate	624-41-9	None	A 100.0 ppm 15 min STEL, A 50.0 ppm, O None
4-chlorobenzotrifluoride	98-56-6	7.6@25.0 °C	D 20.0 ppm 8 & 12 hour TWA, A None, O None
Acetone	67-64-1	247.0@68.0 °F	A 750.0 ppm 15 min STEL, A 500.0 ppm, O 1000.0 ppm, D 500.0 ppm 8 & 12 hour TWA
Acrylic polymer-A	25067-83-8	None	A None, O None
Acrylic polymer-B	70942-12-0	None	A None, O None
Acrylic polymer-C	80010-53-3	None	A None, O None
Aluminum	7429-90-5	None	A 1.0 mg/m3 Respirable Dust, O 15.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust, D 0.5 mg/m3 8 & 12 hour TWA
Amorphous silica	7631-86-9	None	A 10.0 mg/m3 Total Dust, O 20.0 mppcf, D 3.0 mg/m3
Antimony	7440-36-0	None	A 0.5 mg/m3 Sb, O 0.5 mg/m3 Sb
Antimony pentoxide	1314-60-9	None	A 0.5 mg/m3 Sb, O 0.5 mg/m3 Sb
Antimony trioxide	1309-64-4	None	A 0.5 mg/m3 Sb, O 0.5 mg/m3 Sb, D 0.2 mg/m3 Sb, D 0.1 mg/m3 12 hr TWA Sb
Aromatic hydrocarbon	64742-95-6	10.0@25.0 °C	D 50.0 ppm, A None, O None
Azo yellow pigment	31837-42-0	None	A 10.0 mg/m3, O 5.0 mg/m3 Respirable Dust, O 15.0 mg/m3
Barium sulfate	7727-43-7	None	O 15.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust, D 10.0 mg/m3 Total Dust, D 5.0 mg/m3 8 & 12 hour TWA Respirable Dust, A None
Butyl acetate	123-86-4	10.0	A 200.0 ppm 15 min STEL, A 150.0 ppm, O 150.0 ppm
C.i. pigment blue 15 (monochlor)	12239-87-1	None	A 10.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust Total Dust, O 15.0 mg/m3 Respirable Dust
C.i. pigment red 254	84632-65-5	None	A None, O None
C.i. pigment yellow 154	68134-22-5	None	A None, O None
Carbazole violet pigment	6358-30-1	None	A None, O None
Carbon black	1333-86-4	None	A 3.5 mg/m3, O 3.5 mg/m3, D 0.5 mg/m3 8 & 12 hour TWA
Cellulose acetate butyrate	9004-36-8	<0.0	A None, O None
Chromium(iii)	7440-47-3	None	A 0.5 mg/m3 Cr, O 0.5 mg/m3 Cr
Ethyl acetate	141-78-6	93.2@25.0 °C	A 400.0 ppm, O 400.0 ppm
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
Hydrotreated heavy naphtha (petroleum)	64742-48-9	3.3@68.0 °F	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, D 0.1 mg/m3 8 & 12 hour TWA, O None
Iron oxide-A	1309-37-1	None	A 5.0 mg/m3 Respirable Dust, O 10.0 mg/m3, D 3.0 mg/m3
Iron oxide-B	51274-00-1	None	A 5.0 mg/m3, O 10.0 mg/m3
Isoindolinone pigment-A	106276-80-6	None	A None, O None
Isoindolinone pigment-B	36888-99-0	None	A None, O None
Lead chromate molybdate	12656-85-8	None	A 50.0 ug/m3 Pb, A 10.0 mg/m3 inhalable dust Mo, A 3.0 mg/m3 respirable particulate Mo, A 12.0 ug/m3 Cr(VI), O 50.0 ug/m3 Pb, O 5.0 ug/m3 Cr(VI)
Lead chromates	7758-97-6	None	A 50.0 ug/m3 Pb, A 12.0 ug/m3 Cr(VI), O 50.0 ug/m3 Pb, O 5.0 ug/m3 Cr(VI), D 50.0 ug/m3 Cr(VI)
Lead sulphate	7446-14-2	None	A 50.0 ug/m3 Pb, O 50.0 ug/m3 Pb
Magnesite	546-93-0	None	A 10.0 mg/m3, O None
Magnesium silicate	14807-96-6	None	A None, O None
Medium mineral spirits	64742-88-7	0.3@68.0 °F	D 50.0 ppm 8 & 12 hour TWA, A None, O None

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Methyl amyl ketone	110-43-0	3.4	A 50.0 ppm, O 100.0 ppm
Methyl ethyl ketone	78-93-3	71.2	A 300.0 ppm 15 min STEL, A 200.0 ppm, O 200.0 ppm, D 300.0 ppm 15 min TWA, D 200.0 ppm 8 & 12 hour TWA
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-butyl alcohol	71-36-3	5.6@68.0 °F	A 20.0 ppm, O 100.0 ppm, D 50.0 ppm 15 min STEL, D 25.0 ppm 8 & 12 hour TWA
Nickel oxide	1313-99-1	None	A 0.2 mg/m3 inhalable dust Ni, O 1.0 mg/m3 Ni, D 20.0 ug/m3 8 & 12 hour TWA Ni
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	1328-53-6	None	A 3.0 mg/m3 TWA Respirable Dust, A 10.0 mg/m3 TWA inhalable dust, O 15.0 mg/m3 TWA Total Dust, O 5.0 mg/m3 TWA Respirable Dust
Pigment red 202	3089-17-6	None	A 3.0 mg/m3 Respirable Dust, A 10.0 mg/m3 inhalable dust PNOR, O 5.0 mg/m3 Respirable Dust PNOR, O 15.0 mg/m3
Primary amyl acetate	628-63-7	4.2	A 100.0 ppm 15 min STEL, A 50.0 ppm, O 100.0 ppm
Propylene glycol monomethyl ether acetate	108-65-6	3.8	D 10.0 ppm 8 & 12 hour TWA, A None, O None
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
Red iron oxide light	1332-37-2	None	A 10.0 mg/m3 PNOR, A 3.0 mg/m3 Respirable Dust, A 5.0 mg/m3 Fe, O 15.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust
Stoddard solvent	8052-41-3	None	A 100.0 ppm, O 500.0 ppm TWA, D 100.0 ppm 15 min STEL, D 50.0 ppm 8 & 12 hour TWA
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
Titanium dioxide (rutile)	1317-80-2	None	A 10.0 mg/m3 TWA Total Dust, O 10.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust, D 10.0 mg/m3 Total Dust, D 5.0 mg/m3 Respirable Dust
Toluene	108-88-3	22.0	A 20.0 ppm, O 300.0 ppm CEIL, O 500.0 ppm 10 min TWA, O 200.0 ppm, D 50.0 ppm 8 & 12 hour TWA Skin
Vm&p naphtha	8032-32-4	17.9@68.0 °F	A 300.0 ppm, D 100.0 ppm, 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
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.

### 3. Hazards identification

#### Potential Health Effects:

##### Inhalation:

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

##### Ingestion:

May result in gastrointestinal distress.

##### Skin or eye contact:

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

#### Other Potential Health Effects in addition to those listed above:

##### 4-chlorobenzotrifluoride

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: skin. Prolonged or repeated exposure may cause damage to any of the following organs/systems: kidneys, liver, thyroid. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. Ingestion may cause any of the following: gastrointestinal irritation. Eye contact may cause any of the following: permanent eye injury. Inhalation may cause any of the following: stupor (central nervous system depression), respiratory tract irritation.

##### Acetone

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

#### **Antimony trioxide**

Is an IARC, NTP or OSHA carcinogen. Cancer hazard based on tests with laboratory animals. Overexposure may create cancer risk. This substance may cause effects on any of the following organs/systems: lungs. Tests in laboratory animals have shown potential for developmental toxicity. The significance to man is unknown. WARNING: This chemical is known to the State of California to cause cancer.

#### **Aromatic hydrocarbon**

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

#### **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.

#### **C.i. pigment yellow 154**

Inhalation may cause any of the following: respiratory tract irritation. 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.

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

#### **Hydrotreated heavy naphtha (petroleum)**

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

#### **Lead chromate molybdate**

Is an IARC, NTP or OSHA carcinogen. Over exposure to lead may cause adverse effects to the blood forming, nervous, urinary, reproductive systems including embryotoxic effects. Symptoms may include loss of appetite, anemia, disturbance of sleep and fatigue. See OSHA lead standard 29CFR1910.1025. For exposures longer than 8 hours the OSHA exposure limit is reduced by this formula:  $\text{limit}(\text{in ug/m}^3) = 400/\text{hours worked in the day}$ . Health studies have shown that chromate pigment manufacturing may be associated with an increase risk of lung cancer. Repeated or prolonged skin contact may cause any of the following: dermatitis, allergic contact dermatitis. The following medical conditions may be aggravated by overexposure: asthma. Repeated or prolonged skin or eye contact may cause any of the following: irritation. Repeated or prolonged inhalation may cause any of the following: respiratory tract irritation, sensitization, asthma-like reactions, e.g. wheezing, chest tightness. WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm.

#### **Lead chromates**

Is an IARC, NTP or OSHA carcinogen. Over exposure to lead may cause adverse effects to the blood forming, nervous, urinary, reproductive systems including embryotoxic effects. Symptoms may include loss of appetite, anemia, disturbance of sleep and fatigue. See OSHA lead standard 29CFR1910.1025. For exposures longer than 8 hours the OSHA exposure limit is reduced by this formula:  $\text{limit}(\text{in ug/m}^3) = 400/\text{hours worked in the day}$ . Health studies have shown that chromate pigment manufacturing may be associated with an increase risk of lung cancer. Repeated or prolonged skin contact may cause any of the following: dermatitis, allergic contact dermatitis. The following medical conditions may be aggravated by overexposure: asthma. Repeated or prolonged skin or eye contact may cause any of the following: irritation. Repeated or prolonged inhalation may cause any of the following: respiratory tract irritation, sensitization, asthma-like reactions, e.g. wheezing, chest tightness. WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm.

#### **Lead sulphate**

Is an IARC, NTP or OSHA carcinogen. Over exposure to lead may cause adverse effects to the blood forming, nervous, urinary, reproductive systems including embryotoxic effects. Symptoms may include loss of appetite, anemia, disturbance of sleep and fatigue. See OSHA lead standard 29CFR1910.1025. For exposures longer than 8 hours the OSHA exposure limit is reduced by this formula:  $\text{limit}(\text{in ug/m}^3) = 400/\text{hours worked in the day}$ . WARNING: This chemical is known to the State of California to cause cancer and birth defects or other reproductive harm.

#### **Magnesium silicate**

Skin contact may cause any of the following: irritation.

#### **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. 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-butyl alcohol**

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

**Nickel oxide**

Is an IARC, NTP or OSHA carcinogen. Skin contact may cause any of the following: skin sensitization, skin irritation. Overexposure of this substance may cause effects on any of the following organs/systems: lungs. **WARNING:** This chemical is known to the State of California to cause cancer.

**Propylene glycol monomethyl ether acetate**

Recurrent overexposure may result in liver and kidney injury.

**Red iron oxide light**

Long- term respiratory exposure of iron oxide may result in deposition of particles in the lung (benign siderosis).

**Stoddard solvent**

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

**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**

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m<sup>3</sup> 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/m<sup>3</sup> level are not relevant to the workplace. Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.'

**Titanium dioxide (rutile)**

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m<sup>3</sup> 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/m<sup>3</sup> level are not relevant to the workplace. Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.'

**Toluene**

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

**Vm&p naphtha**

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

**Xylene**

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

**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.

**5. Fire-fighting measures**

**Flash Point (Closed Cup):**

See Section 11 for exact values.

**Flammable Limits:** LFL 0.8 % 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 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.

#### 6. Accidental release measures

##### Procedures for cleaning up spills or leaks:

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

##### Ecological information:

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

#### 7. Handling and storage

##### Precautions to be taken in handling and storing:

Observe label precautions. If combustible (flashpoint between 38-93 deg C or 100 - 200 deg F), keep away from heat, sparks and flame. If flammable (flashpoint less than 38 deg C or 100 deg F), also keep away from static discharges and other sources of ignition. If material is extremely flammable (flashpoint less than - 8 deg C or 20 deg F) or flammable, VAPORS MAY IGNITE EXPLOSIVELY OR CAUSE FLASH FIRE, respectively. Vapors may spread long distances. Prevent buildup of vapors. Close container after each use. Ground containers when pouring. Wash thoroughly after handling and before eating or smoking. Do not store above 49 deg C or 120 deg F. If product is waterbased, do not freeze.

##### Other precautions:

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

#### 8. Exposure controls/personal protection

##### Ventilation:

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

##### Respiratory protection:

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

##### Protective equipment:

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

##### Skin and body protection:

Neoprene gloves and coveralls are recommended.

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

#### 9. Physical and chemical properties

Evaporation rate	Slower than Ether
Water solubility	NIL
Vapour density	Heavier than air
Approx. Boiling Range (°C)	56 – 128 °C
Approx. Freezing Range (°C)	-93 – 482 °C
Gallon Weight (lbs/gal)	8.13676 - 11.5
Specific Gravity	0.98 - 1.38
Percent Volatile By Volume	51.14 - 72.75
Percent Volatile By Weight	42.81 - 68.40
Percent Solids By Volume	27.25 - 48.86
Percent Solids By Weight	31.60 - 57.19

#### 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 38 deg C or 100 deg F) and combustibles (flashpoint between 38- 93 deg C or 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.

**11. Additional Information**

**500S™** 4-chlorobenzotrifluoride, Acetone, Acrylic polymer-C, Ethylbenzene(0.2%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Toluene(3%\*<sup>@</sup>) **GAL WT: 8.25 WT PCT SOLIDS: 31.60 VOL PCT SOLIDS: 27.25 SOLVENT DENSITY: 7.76 VOC LE: 4.9 VOC AP: 3.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**520U™** Acrylic polymer-A, Aluminum(10%\*), Aromatic hydrocarbon, Ethylbenzene(1.1%\*<sup>@</sup>), Hydrotreated heavy naphtha (petroleum), Medium mineral spirits, N-butyl alcohol(3%\*), Propylene glycol monomethyl ether acetate, Xylene(4%\*<sup>@</sup>) **GAL WT: 8.64 WT PCT SOLIDS: 47.75 VOL PCT SOLIDS: 39.42 SOLVENT DENSITY: 7.46 VOC LE: 4.5 VOC AP: 4.5 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 1 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**

**521U™** Acrylic polymer-A, Aluminum(14%\*), Butyl acetate, Ethylbenzene(1.1%\*<sup>@</sup>), Hydrotreated heavy naphtha (petroleum), Medium mineral spirits, N-butyl alcohol(3%\*), Propylene glycol monomethyl ether acetate, Xylene(4%\*<sup>@</sup>) **GAL WT: 8.74 WT PCT SOLIDS: 49.43 VOL PCT SOLIDS: 39.13 SOLVENT DENSITY: 7.28 VOC LE: 4.4 VOC AP: 4.4 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 1 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**

**522U™** 1,2,4-trimethyl benzene(4%\*), Acrylic polymer-A, Aluminum(25%\*), Aromatic hydrocarbon, Butyl acetate, Hydrotreated heavy naphtha (petroleum), N-butyl alcohol(2%\*), Propylene glycol monomethyl ether acetate, Stoddard solvent **GAL WT: 9.32 WT PCT SOLIDS: 51.06 VOL PCT SOLIDS: 38.11 SOLVENT DENSITY: 7.23 VOC LE: 4.6 VOC AP: 4.6 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 1 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**

**523U™** Acrylic polymer-A, Aluminum(11%\*), Aromatic hydrocarbon, Ethylbenzene(1.1%\*<sup>@</sup>), Hydrotreated heavy naphtha (petroleum), Medium mineral spirits, N-butyl alcohol(3%\*), Propylene glycol monomethyl ether acetate, Xylene(4%\*<sup>@</sup>) **GAL WT: 8.62 WT PCT SOLIDS: 46.94 VOL PCT SOLIDS: 38.44 SOLVENT DENSITY: 7.45 VOC LE: 4.6 VOC AP: 4.6 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 1 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**

**531U™** Acrylic polymer-C, Carbon black(0.1%), Ethyl acetate, Ethylbenzene(0.2%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Toluene(3%\*<sup>@</sup>) **GAL WT: 8.36 WT PCT SOLIDS: 35.13 VOL PCT SOLIDS: 30.63 SOLVENT DENSITY: 7.82 VOC LE: 5.4 VOC AP: 5.4 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**532U™** Acrylic polymer-C, Antimony pentoxide(5%\*<sup>@</sup>), Ethyl acetate, Ethylbenzene(0.1%\*<sup>@</sup>), Nickel oxide(1.6%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Titanium dioxide(25.2%), Toluene(3%\*<sup>@</sup>) **GAL WT: 11.18 WT PCT SOLIDS: 57.19 VOL PCT SOLIDS: 39.52 SOLVENT DENSITY: 7.91 VOC LE: 4.8 VOC AP: 4.8 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**533U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Quinacridone pigment, Toluene(4%\*<sup>@</sup>) **GAL WT: 8.60 WT PCT SOLIDS: 38.86 VOL PCT SOLIDS: 33.63 SOLVENT DENSITY: 7.92 VOC LE: 5.3 VOC AP: 5.3 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**534U™** Acrylic polymer-C, Azo yellow pigment, Ethyl acetate, Ethylbenzene(0.2%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Toluene(11%\*<sup>@</sup>) **GAL WT: 8.69 WT PCT SOLIDS: 42.63 VOL PCT SOLIDS: 36.25 SOLVENT DENSITY: 7.87 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES**

**535U™** , Acrylic polymer-C, Aromatic hydrocarbon, Butyl acetate, Carbon black(1.3%), Ethyl acetate, Ethylbenzene(0.4%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Toluene(3%\*<sup>@</sup>), Xylene(2%\*<sup>@</sup>) **GAL WT: 8.31 WT PCT SOLIDS: 36.94 VOL PCT SOLIDS: 31.97 SOLVENT DENSITY: 7.71 VOC LE: 5.2 VOC AP: 5.2 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**536U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Red iron oxide light, Toluene(3%\*<sup>@</sup>) **GAL WT: 9.29 WT PCT SOLIDS: 43.26 VOL PCT SOLIDS: 32.74 SOLVENT DENSITY: 7.84 VOC LE: 5.3 VOC AP: 5.3 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**537U™** Acrylic polymer-C, Antimony(9%\*<sup>@</sup>), Chromium(iii)(4%\*<sup>@</sup>), Ethyl acetate, Ethylbenzene(0.1 - 0.2%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Titanium dioxide (rutile)(7.7%), Toluene(4 - 4%\*<sup>@</sup>) **GAL WT: 10.06 WT PCT SOLIDS: 49.16 VOL PCT SOLIDS: 35.14 SOLVENT DENSITY: 7.89 VOC LE: 5.1 VOC AP: 5.1 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**539U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*<sup>@</sup>), Monoazo pigment, Propylene glycol monomethyl ether acetate, Toluene(4%\*<sup>@</sup>) **GAL WT: 8.77 WT PCT SOLIDS: 42.81 VOL PCT SOLIDS: 36.65 SOLVENT DENSITY: 7.93 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**540U™** Acrylic polymer-C, C.i. pigment yellow 154, Ethyl acetate, Ethylbenzene(0.2%\*<sup>@</sup>), Propylene glycol monomethyl ether acetate, Toluene(4%\*<sup>@</sup>) **GAL WT: 8.71 WT PCT SOLIDS: 42.62 VOL PCT SOLIDS: 36.18 SOLVENT DENSITY: 7.83 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**541U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.3%\*<sup>@</sup>), Isoindolinone pigment-B, Propylene glycol monomethyl ether acetate, Toluene(4%\*<sup>@</sup>), Xylene(1%\*<sup>@</sup>) **GAL WT: 8.93 WT PCT SOLIDS: 43.60 VOL PCT SOLIDS: 36.21 SOLVENT DENSITY: 7.90 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**543U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*<sup>@</sup>), Isoindolinone pigment-A, Propylene glycol monomethyl ether acetate, Toluene(4%\*<sup>@</sup>) **GAL WT: 8.84 WT PCT SOLIDS: 42.47 VOL PCT SOLIDS: 35.72 SOLVENT DENSITY: 7.96 VOC LE: 5.1 VOC AP: 5.1 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**544U™** Acrylic polymer-C, C.i. pigment red 254, Ethyl acetate, Ethylbenzene(0.2%\*), Methyl amyl ketone, Propylene glycol monomethyl ether acetate, Toluene(3%\*)  
**GAL WT: 8.63 WT PCT SOLIDS: 42.00 VOL PCT SOLIDS: 35.83 SOLVENT DENSITY: 7.90 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**547U™** Acrylic polymer-C, Antimony trioxide(0.9%\*), Barium sulfate, Ethyl acetate, Ethylbenzene(0.1%\*), Lead chromate molybdate(26.3%\*), Propylene glycol monomethyl ether acetate, Toluene(2%\*)  
**GAL WT: 11.50 WT PCT SOLIDS: 57.18 VOL PCT SOLIDS: 38.02 SOLVENT DENSITY: 7.95 VOC LE: 4.9 VOC AP: 4.9 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**548U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*), Lead chromates(11.5%\*), Propylene glycol monomethyl ether acetate, Titanium dioxide(0.8%), Toluene(2%\*)  
**GAL WT: 10.32 WT PCT SOLIDS: 49.65 VOL PCT SOLIDS: 34.35 SOLVENT DENSITY: 7.92 VOC LE: 5.2 VOC AP: 5.2 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**550U™** Acrylic polymer-C, Aluminum(2%\*), Cellulose acetate butyrate, Ethyl acetate, Propylene glycol monomethyl ether acetate, Toluene(3%\*), Vm&p naphtha  
**GAL WT: 8.28 WT PCT SOLIDS: 37.06 VOL PCT SOLIDS: 30.96 SOLVENT DENSITY: 7.52 VOC LE: 5.2 VOC AP: 5.2 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**553U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*), Propylene glycol monomethyl ether acetate, Quinacridone pigment, Toluene(3%\*)  
**GAL WT: 8.54 WT PCT SOLIDS: 37.91 VOL PCT SOLIDS: 32.83 SOLVENT DENSITY: 7.89 VOC LE: 5.3 VOC AP: 5.3 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**554U™** Acrylic polymer-C, Amorphous silica, Butyl acetate, Ethyl acetate, Ethylbenzene(0.1%\*), Propylene glycol monomethyl ether acetate, Titanium dioxide(23.2%), Toluene(2%\*)  
**GAL WT: 10.35 WT PCT SOLIDS: 54.22 VOL PCT SOLIDS: 39.22 SOLVENT DENSITY: 7.77 VOC LE: 4.7 VOC AP: 4.7 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**

**555U™** Acrylic polymer-C, Amorphous silica, Butyl acetate, Ethyl acetate, Ethylbenzene(0.1%\*), Propylene glycol monomethyl ether acetate, Titanium dioxide(24.7%), Toluene(2%\*)  
**GAL WT: 10.44 WT PCT SOLIDS: 54.15 VOL PCT SOLIDS: 38.20 SOLVENT DENSITY: 7.75 VOC LE: 4.8 VOC AP: 4.8 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**556U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*), Methyl amyl ketone, Propylene glycol monomethyl ether acetate, Toluene(5%\*), Yellow iron oxide  
**GAL WT: 9.58 WT PCT SOLIDS: 47.55 VOL PCT SOLIDS: 34.67 SOLVENT DENSITY: 7.70 VOC LE: 5.0 VOC AP: 5.0 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**557U™** 2-methyl butyl acetate, Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.4%\*), Methyl amyl ketone, Primary amyl acetate, Propylene glycol monomethyl ether acetate, Quinacridone pigment, Toluene(2%\*), Xylene(1%\*)  
**GAL WT: 8.37 WT PCT SOLIDS: 38.73 VOL PCT SOLIDS: 33.11 SOLVENT DENSITY: 7.80 VOC LE: 5.1 VOC AP: 5.1 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**558U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*), Propylene glycol monomethyl ether acetate, Quinacridone pigment, Toluene(3%\*)  
**GAL WT: 8.46 WT PCT SOLIDS: 36.48 VOL PCT SOLIDS: 31.74 SOLVENT DENSITY: 7.87 VOC LE: 5.4 VOC AP: 5.4 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**559U™** Acrylic polymer-C, C.i. pigment blue 15 (monochlor), Ethyl acetate, Ethylbenzene(0.5%\*), Methyl amyl ketone, Phthalocyanine blue pigment, Propylene glycol monomethyl ether acetate, Toluene(3%\*), Xylene(2%\*)  
**GAL WT: 8.50 WT PCT SOLIDS: 38.02 VOL PCT SOLIDS: 32.53 SOLVENT DENSITY: 7.92 VOC LE: 5.3 VOC AP: 5.3 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**560U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*), Lead chromates(15.3%\*), Lead sulphate(0.8%\*), Methyl amyl ketone, Propylene glycol monomethyl ether acetate, Toluene(2%\*)  
**GAL WT: 9.62 WT PCT SOLIDS: 46.28 VOL PCT SOLIDS: 33.63 SOLVENT DENSITY: 7.83 VOC LE: 5.2 VOC AP: 5.2 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**561U™** , Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.8%\*), Phthalocyanine green, Propylene glycol monomethyl ether acetate, Toluene(3%\*), Xylene(3%\*)  
**GAL WT: 8.59 WT PCT SOLIDS: 38.55 VOL PCT SOLIDS: 32.40 SOLVENT DENSITY: 7.81 VOC LE: 5.3 VOC AP: 5.3 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**563U™** , Acrylic polymer-C, Butyl acetate, Ethyl acetate, Ethylbenzene(1.2%\*), Iron oxide-A, Propylene glycol monomethyl ether acetate, Toluene(2%\*), Vm&p naphtha, Xylene(5%\*)  
**GAL WT: 8.43 WT PCT SOLIDS: 38.17 VOL PCT SOLIDS: 30.67 SOLVENT DENSITY: 7.52 VOC LE: 5.2 VOC AP: 5.2 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**

**564U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*), Iron oxide-B, Propylene glycol monomethyl ether acetate, Toluene(3%\*), Vm&p naphtha  
**GAL WT: 8.66 WT PCT SOLIDS: 39.60 VOL PCT SOLIDS: 31.43 SOLVENT DENSITY: 7.65 VOC LE: 5.2 VOC AP: 5.2 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**565U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*), Methyl amyl ketone, Pigment red 202, Propylene glycol monomethyl ether acetate, Toluene(3%\*)  
**GAL WT: 8.51 WT PCT SOLIDS: 36.73 VOL PCT SOLIDS: 31.88 SOLVENT DENSITY: 7.95 VOC LE: 5.4 VOC AP: 5.4 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**567U™** Acrylic polymer-C, Carbazole violet pigment, Ethyl acetate, Ethylbenzene(0.2%\*), Propylene glycol monomethyl ether acetate, Toluene(3%\*)  
**GAL WT: 8.39 WT PCT SOLIDS: 35.81 VOL PCT SOLIDS: 31.14 SOLVENT DENSITY: 7.82 VOC LE: 5.4 VOC AP: 5.4 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**568U™** Acrylic polymer-C, Ethyl acetate, Ethylbenzene(0.2%\*), Phthalocyanine blue pigment, Propylene glycol monomethyl ether acetate, Toluene(3%\*)  
**GAL WT: 8.61 WT PCT SOLIDS: 37.82 VOL PCT SOLIDS: 32.48 SOLVENT DENSITY: 7.94 VOC LE: 5.4 VOC AP: 5.4 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**570U™** Acrylic polymer-B, Butyl acetate, Ethyl acetate, Ethylbenzene(0.2%\*), Methyl amyl ketone, Propylene glycol monomethyl ether acetate, Substituted benzotriazole, Toluene(3%\*)  
**GAL WT: 8.18 WT PCT SOLIDS: 55.47 VOL PCT SOLIDS: 48.86 SOLVENT DENSITY: 7.13 VOC LE: 3.6 VOC AP: 3.6 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**571U™** Acrylic polymer-C, Cellulose acetate butyrate, Ethyl acetate, Ethylbenzene(0.1%\*@), Propylene glycol monomethyl ether acetate, Toluene(3%\*@), Vm&p naphtha **GAL WT: 8.14 WT PCT SOLIDS: 35.00 VOL PCT SOLIDS: 29.65 SOLVENT DENSITY: 7.51 VOC LE: 5.3 VOC AP: 5.3 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**572U™** Acrylic polymer-C, Cellulose acetate butyrate, Ethyl acetate, Propylene glycol monomethyl ether acetate, Toluene(5%\*@), Vm&p naphtha **GAL WT: 8.16 WT PCT SOLIDS: 35.44 VOL PCT SOLIDS: 30.17 SOLVENT DENSITY: 7.53 VOC LE: 5.3 VOC AP: 5.3 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**N8079U™** Acrylic polymer-C, Butyl acetate, Carbon black(0.9%), Ethyl acetate, Ethylbenzene(0.7%\*@), Hydrous magnesium silicate, Magnesite, Magnesium silicate, Methyl ethyl ketone, Propylene glycol monomethyl ether acetate, Toluene(2%\*@), Xylene(3%\*@) **GAL WT: 9.65 WT PCT SOLIDS: 48.88 VOL PCT SOLIDS: 34.47 SOLVENT DENSITY: 7.52 VOC LE: 4.9 VOC AP: 4.9 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO**

**Footnotes:**

**TSCA: in compliance** In compliance with TSCA Inventory requirements for commercial purposes.

**ACGIH** American Conference of Governmental Industrial Hygienists.

**IARC** International Agency for Research on Cancer.

**NTP** National Toxicology Program.

**OSHA** Occupational Safety and Health Administration.

**PNOR** Particles not otherwise regulated.

**PNOC** Particles not otherwise classified.

**STEL** Short term exposure limit.

**TWA** Time-weighted average.

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

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

# = EPCRA Section 302 - Extremely hazardous substances.

**Notice:**

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

Product Manager: Refinish Sales

Prepared by: Y. B. Yarbrough