

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® Waterborne Copolymer Topcoats, Basecoats, Primers and Mixing Bases**

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
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	0.0	A None, O None
Amorphous silica - silica base	63231-67-4	None	A 10.0 mg/m3, D 1.0 mg/m3 Respirable Dust, O None
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
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
Deep organic red pigment	2786-76-7	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
Isoindolinone pigment	36888-99-0	None	A None, O None
Light lemon yellow oxide pigment	51274-00-1	None	A None, O None
Methyl pyrrolidone	872-50-4	0.3	D 5.0 ppm 8 & 12 hour TWA Skin, A None, O None
Organic yellow primrose	12225-18-2	None	A None, O None
Petroleum derivatives	NotAvail	None	S 10.0 mg/m3 STEL, S 5.0 mg/m3 TWA, 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
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
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
Urethane copolymer	NotAvail	18.5@21.0 °C	A None, O None
Water	7732-18-5	23.6	A None, O None
Zinc oxide	1314-13-2	None	A 10.0 mg/m3 15 min STEL Respirable Dust, A 2.0 mg/m3 Respirable Dust, O 15.0 mg/m3 Total Dust, O 5.0 mg/m3 Respirable Dust
Zinc phosphate	7779-90-0	None	O 5.0 mg/m3 Respirable Dust, A None

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

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:

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.

Methyl pyrrolidone

The following medical conditions may be aggravated by exposure: skin disorders. Tests in some laboratory animals indicate this compound may have embryotoxic activity. Tests in laboratory animals have shown effects on any of the following organs/systems: kidneys, liver. WARNING: This chemical is known to the State of California to cause birth defects or other reproductive harm.

Organic yellow primrose

Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. May cause eye irritation with discomfort, tearing, or blurred vision. Ingestion may cause any of the following: dizziness, gastrointestinal irritation. Inhalation of high vapor concentrations may cause any of the following: dizziness, drowsiness, irritation to the nose, irritation to throat.

Red iron oxide light

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

Titanium dioxide

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

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 % UFL 0 %

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.

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. Combustible dust clouds may be created where operations produce fine material (dust). Avoid formation of significant deposits of material as they may become airborne and form combustible dust clouds. Handling and processing operations should be conducted in accordance with best practices (e.g.NFPA-654).

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) during spray application (or brush and roll application in poorly ventilated areas) and until all vapors and spray mist are exhausted. For mixing and brush and roll application in well ventilated areas or, if the 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) may be used until all vapors are exhausted. In addition, for spray application when product does not contain or is not mixed with an isocyanate activator/hardener, a particulate filter (NIOSH TC-84A) is needed with the organic vapor cartridges until all vapors and spray mist are exhausted. 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 to 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)	100 – 184 °C
Approx. Freezing Range (°C)	Not applicable.
Gallon Weight (lbs/gal)	8.56238 - 10.1897
Specific Gravity	1.03 - 1.22
Percent Volatile By Volume	58.37 - 65.43
Percent Volatile By Weight	48.55 - 60.57
Percent Solids By Volume	34.57 - 41.63
Percent Solids By Weight	39.44 - 51.45

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 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

1632WF™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(1.9%), Barium sulfate(2.5%), Methyl pyrrolidone(3.4%), Petroleum derivatives(1.3%), Titanium dioxide(12.6%), Urethane copolymer(22.2%), Water(47.2%), Zinc oxide(1.4%), Zinc phosphate(4.2%) **GAL WT: 10.15 WT PCT SOLIDS: 46.42 VOL PCT SOLIDS: 34.57 SOLVENT DENSITY: 8.37 VOC LE: 1.5 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1632WG™ Methyl pyrrolidone(4.6%), Titanium dioxide(18.1%), Urethane copolymer(30.0%), Water(43.0%) **GAL WT: 9.98 WT PCT SOLIDS: 51.32 VOL PCT SOLIDS: 41.63 SOLVENT DENSITY: 8.33 VOC LE: 1.2 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1633WF™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(1.8%), Barium sulfate(2.5%), Methyl pyrrolidone(3.4%), Petroleum derivatives(1.3%), Titanium dioxide(12.5%), Urethane copolymer(21.9%), Water(47.2%), Zinc oxide(1.4%), Zinc phosphate(4.2%) **GAL WT: 10.19 WT PCT SOLIDS: 46.63 VOL PCT SOLIDS: 34.60 SOLVENT DENSITY: 8.37 VOC LE: 1.5 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1633WG™ Methyl pyrrolidone(4.5%), Titanium dioxide(17.7%), Urethane copolymer(29.4%), Water(43.0%) **GAL WT: 10.03 WT PCT SOLIDS: 51.45 VOL PCT SOLIDS: 41.49 SOLVENT DENSITY: 8.33 VOC LE: 1.1 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1635WG™ Methyl pyrrolidone(4.6%), Titanium dioxide(18.1%), Urethane copolymer(30.0%), Water(43.0%) **GAL WT: 9.98 WT PCT SOLIDS: 51.32 VOL PCT SOLIDS: 41.63 SOLVENT DENSITY: 8.33 VOC LE: 1.2 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1637WF™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(1.9%), Barium sulfate(2.5%), Methyl pyrrolidone(3.4%), Petroleum derivatives(1.3%), Titanium dioxide(12.6%), Urethane copolymer(22.2%), Water(47.3%), Zinc oxide(1.4%), Zinc phosphate(4.2%) **GAL WT: 10.16 WT PCT SOLIDS: 46.49 VOL PCT SOLIDS: 34.62 SOLVENT DENSITY: 8.37 VOC LE: 1.5 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1637WG™ Methyl pyrrolidone(4.6%), Titanium dioxide(18.1%), Urethane copolymer(29.9%), Water(43.0%) **GAL WT: 9.99 WT PCT SOLIDS: 51.33 VOL PCT SOLIDS: 41.61 SOLVENT DENSITY: 8.34 VOC LE: 1.2 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1640WF™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.9%), Barium sulfate(3.2%), Carbon black(1.2%), Methyl pyrrolidone(4.3%), Petroleum derivatives(1.8%), Urethane copolymer(28.2%), Water(48.1%), Zinc oxide(1.8%), Zinc phosphate(5.4%) **GAL WT: 9.33 WT PCT SOLIDS: 43.55 VOL PCT SOLIDS: 36.67 SOLVENT DENSITY: 8.40 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 PHOTOCHEMICALLY REACTIVE: NO**

1640WG™ Carbon black(1.1%), Methyl pyrrolidone(5.7%), Urethane copolymer(37.5%), Water(51.5%) **GAL WT: 8.61 WT PCT SOLIDS: 41.29 VOL PCT SOLIDS: 39.28 SOLVENT DENSITY: 8.35 VOC LE: 1.3 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1662WG™ Methyl pyrrolidone(5.2%), Organic yellow primrose(2.8%), Urethane copolymer(34.1%), Water(51.5%) **GAL WT: 8.68 WT PCT SOLIDS: 41.82 VOL PCT SOLIDS: 39.27 SOLVENT DENSITY: 8.33 VOC LE: 1.3 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1663WG™ Methyl pyrrolidone(5.4%), Titanium dioxide(4.0%), Urethane copolymer(35.6%), Water(49.5%) **GAL WT: 8.85 WT PCT SOLIDS: 43.56 VOL PCT SOLIDS: 39.96 SOLVENT DENSITY: 8.34 VOC LE: 1.3 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1664WG™ Methyl pyrrolidone(5.3%), Quinacridone pigment(2.2%), Urethane copolymer(34.4%), Water(52.1%) **GAL WT: 8.65 WT PCT SOLIDS: 41.19 VOL PCT SOLIDS: 38.85 SOLVENT DENSITY: 8.34 VOC LE: 1.3 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1665WG™ Methyl pyrrolidone(4.9%), Phthalocyanine blue pigment(1.7%), Titanium dioxide(10.8%), Urethane copolymer(31.9%), Water(46.4%) **GAL WT: 9.43 WT PCT SOLIDS: 47.57 VOL PCT SOLIDS: 40.62 SOLVENT DENSITY: 8.34 VOC LE: 1.2 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

1666WG™ Methyl pyrrolidone(5.7%), Titanium dioxide(3.2%), Urethane copolymer(37.2%), Water(49.6%) **GAL WT: 8.79 WT PCT SOLIDS: 43.26 VOL PCT SOLIDS: 40.10 SOLVENT DENSITY: 8.35 VOC LE: 1.3 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

711WF™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(2.7%), Barium sulfate(3.0%), Methyl pyrrolidone(4.0%), Petroleum derivatives(1.7%), Red iron oxide light(6.7%), Urethane copolymer(26.4%), Water(45.2%), Zinc oxide(1.7%), Zinc phosphate(5.0%) **GAL WT: 9.79 WT PCT SOLIDS: 46.97 VOL PCT SOLIDS: 37.55 SOLVENT DENSITY: 8.39 VOC LE: 1.6 VOC AP: 0.8 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

FTC-01™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(3.8%), Amorphous silica - silica base(5.1%), Methyl pyrrolidone(5.0%), Urethane copolymer(32.6%), Water(50.6%) **GAL WT: 8.74 WT PCT SOLIDS: 39.44 VOL PCT SOLIDS: 36.18 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 PHOTOCHEMICALLY REACTIVE: NO**

HGC-01™ Methyl pyrrolidone(6.1%), Urethane copolymer(39.7%), Water(50.7%) **GAL WT: 8.56 WT PCT SOLIDS: 41.81 VOL PCT SOLIDS: 40.14 SOLVENT DENSITY: 8.34 VOC LE: 1.3 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

Q1394WG™ Carbon black(0.3%), Light lemon yellow oxide pigment(1.6%), Methyl pyrrolidone(4.4%), Titanium dioxide(17.4%), Urethane copolymer(28.8%), Water(43.1%) **GAL WT: 10.07 WT PCT SOLIDS: 51.45 VOL PCT SOLIDS: 41.27 SOLVENT DENSITY: 8.33 VOC LE: 1.1 VOC AP: 0.5 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

V0561WG™ Carbon black(0.8%), Deep organic red pigment(1.0%), Isoindolinone pigment(2.1%), Methyl pyrrolidone(5.2%), Urethane copolymer(33.8%), Water(52.5%) **GAL WT: 8.67 WT PCT SOLIDS: 41.09 VOL PCT SOLIDS: 38.60 SOLVENT DENSITY: 8.34 VOC LE: 1.2 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

WF-01™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(1.9%), Barium sulfate(2.5%), Methyl pyrrolidone(3.4%), Petroleum derivatives(1.3%), Titanium dioxide(12.6%), Urethane copolymer(22.2%), Water(47.3%), Zinc oxide(1.4%), Zinc phosphate(4.2%) **GAL WT: 10.16 WT PCT SOLIDS: 46.44 VOL PCT SOLIDS: 34.60 SOLVENT DENSITY: 8.38 VOC LE: 1.5 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

WF-02™ 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate(3.0%), Barium sulfate(3.4%), Methyl pyrrolidone(4.5%), Petroleum derivatives(1.9%), Urethane copolymer(29.6%), Water(47.1%), Zinc oxide(1.9%), Zinc phosphate(5.6%) **GAL WT: 9.32 WT PCT SOLIDS: 44.15 VOL PCT SOLIDS: 37.39 SOLVENT DENSITY: 8.40 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 PHOTOCHEMICALLY REACTIVE: NO**

WG-01™ Methyl pyrrolidone(4.6%), Titanium dioxide(18.1%), Urethane copolymer(30.0%), Water(43.0%) **GAL WT: 9.98 WT PCT SOLIDS: 51.32 VOL PCT SOLIDS: 41.63 SOLVENT DENSITY: 8.33 VOC LE: 1.2 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

WG-02™ Methyl pyrrolidone(6.0%), Urethane copolymer(39.5%), Water(50.7%) **GAL WT: 8.56 WT PCT SOLIDS: 41.80 VOL PCT SOLIDS: 40.09 SOLVENT DENSITY: 8.34 VOC LE: 1.3 VOC AP: 0.6 FLASH POINT: Above 200 °F H: 1 F: 1 R: 0 OSHA STORAGE: IIIB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

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.

One or more products contains T-Butyl Acetate. Please see Technical Data Sheet for product line VOC compliancy level.

All products denoted with TM or ® are trademarks or registered trademarks of E. I. du Pont de Nemours and Company or its affiliates.

* = 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