

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: **Imron® Activators and Additives**

DOT Shipping Name: See DOT addendum.

Hazardous Materials Information: See Section 10.

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
Butanedioic acid, dimethyl ester	106-65-0	None	O None D 10.0 mg/m3 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
Dibutyl tin dilaurate	77-58-7	0.2@160.0°C	A 0.2 mg/m3 15 min STEL Skin Sn A 0.1 mg/m3 Skin Sn O 0.1 mg/m3 Sn

SECTION 2 - Composition/information on ingredients

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
1,2,4-trimethyl benzene	95-63-6	7.0@44.4°C	A 25.0 ppm O 25.0 ppm
1,6-hexamethylene diisocyanate	822-06-0	0.0@25.0°C	A 5.0 ppb O None
2,4-pentanedione	123-54-6	9.0	D 5.0 ppm 8 & 12 hour TWA A None O None
2-ethylhexyl acetate	103-09-3	0.5	A None 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	104032-39-5	None	A None O None
Aliphatic polyisocyanate resin	28182-81-2	None	S 1.0 mg/m3 15 min STEL S 0.5 mg/m3 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
Amorphous silica - silica base	63231-67-4	None	A 10.0 mg/m3 D 1.0 mg/m3 Respirable Dust O None
Aromatic hydrocarbon	64742-95-6	10.0@25.0°C	D 50.0 ppm A None
Dimethyl glutarate	1119-40-0	0.2	D 10.0 mg/m3 A None O None
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
Ethylene glycol monobutyl ether acetate	112-07-2	0.3	A 20.0 ppm D 10.0 ppm Skin O None
Methyl acetate	79-20-9	171.3@68.0°F	A 250.0 ppm 15 min STEL A 200.0 ppm O 200.0 ppm
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
Propylene glycol monomethyl ether acetate	108-65-6	3.8	D 10.0 ppm 8 & 12 hour TWA A None O None
Silicone resin	9016-00-6	7.0	A None O None
Substituted benzotriazole	25973-55-1	None	A None O None

INGREDIENTS	CAS #	VAPOR PRESSURE	EXPOSURE LIMITS
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
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. 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:

1,6-hexamethylene diisocyanate

Overexposure may cause asthma-like reactions with shortness of breath, wheezing, cough, which may be permanent; or permanent lung sensitization. This effect may be delayed for several hours after exposure. The following medical conditions may be aggravated by exposure: asthma, skin disorders, respiratory disorders. Overexposure may cause damage to any of the following organs/systems: lungs, skin. Can result in irritation and possible corrosive action in the mouth, stomach tissue and digestive tract. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. Skin or eye contact may cause any of the following: irritation.

2,4-pentanedione

2,4-pentanedione, a component of this product, is regulated by the U.S. EPA, under a significant new use rule. It is a violation of federal law to sell or use this product in consumer applications, including to private individuals, schools, and vocational schools. Can be absorbed through the skin in harmful amounts. Repeated exposures to high concentrations has caused adverse health effects in laboratory animals. These effects

involved the central nervous system, immune system, and the red blood cell forming system. No effect was seen at 100 ppm. The odor is disagreeable at a few ppm. Repeated or prolonged skin contact may cause any of the following: skin sensitization. Skin or eye contact may cause any of the following: irritation. Overexposure of this substance may cause effects on any of the following organs/systems: central nervous system, lungs, upper respiratory system, thymus.

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.

Aliphatic polyisocyanate resin

Overexposure may cause asthma-like reactions with shortness of breath, wheezing, cough, which may be permanent; or permanent lung sensitization. This effect may be delayed for several hours after exposure. The following medical conditions may be aggravated by exposure: asthma, skin disorders, respiratory disorders. Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and cracking of the skin. Skin or eye contact may cause any of the following: irritation.

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.

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.

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 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.

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.

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% 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.

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 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 TM 10) and 80% Water OR 0-10% Ammonia, 2-5% Detergent and Water (balance) Con fine and remove with inert absorbent. Pressure can be generated. Do not seal waste containers for 48 hours to allow CO2 to vent. After 48 hours, material may be sealed and disposed 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. 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 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 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)	-84 - -82 °C
Gallon weight (lbs/gal)	7.24 - 9.6
Specific Gravity	0.87 - 1.15
Percent Volatile by Volume	5.08 - 99.75
Percent Volatile by Weight	4.99 - 99.73
Percent Solid by Volume	0.25 - 94.92
Percent Solid by Weight	0.27 - 95.01

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)**

189S™ 2,4-pentanedione(99.7%)
GAL WT: 8.14 WT PCT SOLIDS: 0.27 VOL PCT SOLIDS: 0.25
SOLVENT DENSITY: 8.14 VOC LE: 8.1 VOC AP: 8.1
FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0 OSHA STORAGE: IC
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

193S™ 1,6-hexamethylene diisocyanate(0.2%* @), Aliphatic polyisocyanate resin(74.8%), Butyl acetate(6.9%), Ethyl acetate(13.8%), Ethylene glycol monobutyl ether acetate(4.3%* @)
GAL WT: 9.02 WT PCT SOLIDS: 74.99 VOL PCT SOLIDS: 70.02
SOLVENT DENSITY: 7.50 VOC LE: 2.3 VOC AP: 2.3
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

389S™ 2,4-pentanedione(99.0%), Dibutyl tin dilaurate(1.0%)
GAL WT: 8.14 WT PCT SOLIDS: 1.00 VOL PCT SOLIDS: 0.94
SOLVENT DENSITY: 8.12 VOC LE: 8.1 VOC AP: 8.1
FLASH POINT: 73°F to below 100°F H: 2 F: 3 R: 0 OSHA STORAGE: IC
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

611P™ Acrylic polymer(50.2%), Butanedioic acid, dimethyl ester(1.1%),

Butyl acetate(4.3%), Dimethyl glutarate(3.3%), Ethylbenzene(0.2 - 0.4%* @), Ethylene glycol monobutyl ether acetate(2.5%* @), Methyl amyl ketone(24.2%), Methyl ethyl ketone(2.9%), Substituted benzotriazole(1.3%), Toluene(4.8 - 4.8%* @), Xylene(1.2 - 1.4%* @)
GAL WT: 8.13 WT PCT SOLIDS: 53.04 VOL PCT SOLIDS: 46.58
SOLVENT DENSITY: 7.15 VOC LE: 3.8 VOC AP: 3.8
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

613P™ Acetone(14.3%), Acrylic polymer(35.5%), Amorphous silica(16.3%), Amorphous silica - silica base(4.0%), Butyl acetate(3.0%), Ethylbenzene(0.1 - 0.3%* @), Methyl amyl ketone(17.8%), Toluene(3.7 - 3.7%* @)
GAL WT: 8.78 WT PCT SOLIDS: 57.92 VOL PCT SOLIDS: 45.82
SOLVENT DENSITY: 6.81 VOC LE: 3.0 VOC AP: 2.4
FLASH POINT: 20°F to below 73°F H: 2 F: 3 R: 0 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

FG-062™ 1,6-hexamethylene diisocyanate(0.2%* @), 2-ethylhexyl acetate(3.8%), Aliphatic polyisocyanate resin(74.9%), Butyl acetate(12.5%), Propylene glycol monomethyl ether acetate(8.7%)
GAL WT: 9.10 WT PCT SOLIDS: 75.00 VOL PCT SOLIDS: 69.90
SOLVENT DENSITY: 7.55 VOC LE: 2.3 VOC AP: 2.3
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 1 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

FG-1333™ 1,6-hexamethylene diisocyanate(0.2%* @), 4-chlorobenzotrifluoride(2.9%), Aliphatic polyisocyanate resin(94.5%), Methyl acetate(2.1%)
GAL WT: 9.60 WT PCT SOLIDS: 95.01 VOL PCT SOLIDS: 94.92
SOLVENT DENSITY: 9.45 VOC LE: 0.0 VOC AP: 0.0
FLASH POINT: 141°F - 200°F H: 2 F: 2 R: 1 OSHA STORAGE: IIIA
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

FG-633™ 1,6-hexamethylene diisocyanate(0.2%* @), Aliphatic polyisocyanate resin(89.8%), Aromatic hydrocarbon(1.3%), Butyl acetate(7.5%)
GAL WT: 9.36 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 87.25
SOLVENT DENSITY: 7.32 VOC LE: 0.9 VOC AP: 0.9
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

RK-2900™ Acetone(14.2%), Acrylic polymer(35.3%), Amorphous silica(16.4%), Amorphous silica - silica base(3.7%), Butyl acetate(3.0%), Ethylbenzene(0.1 - 0.2%* @), Methyl amyl ketone(17.8%), Toluene(3.7 - 3.7%* @)
GAL WT: 8.77 WT PCT SOLIDS: 57.52 VOL PCT SOLIDS: 45.47
SOLVENT DENSITY: 6.82 VOC LE: 3.1 VOC AP: 2.5
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

RT002P™ Ethylbenzene(9.4 - 23.5%* @), Silicone resin(1.5%), Xylene(75.0 - 89.1%* @)
GAL WT: 7.24 WT PCT SOLIDS: 1.50 VOL PCT SOLIDS: 1.19
SOLVENT DENSITY: 7.22 VOC LE: 7.1 VOC AP: 7.1
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

VG-6005™ 1,2,4-trimethyl benzene(1.7%*), 1,6-hexamethylene diisocyanate(0.2%* @), Aliphatic polyisocyanate resin(89.8%), Aromatic hydrocarbon(2.6%), Butyl acetate(5.0%)
GAL WT: 9.35 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 87.23
SOLVENT DENSITY: 7.29 VOC LE: 0.9 VOC AP: 0.9
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

VG-610™ 1,6-hexamethylene diisocyanate(0.1%* @), Aliphatic polyisocyanate resin(74.8%), Butyl acetate(6.9%), Ethyl acetate(13.8%), Ethylene glycol monobutyl ether acetate(4.3%* @)
GAL WT: 9.09 WT PCT SOLIDS: 74.96 VOL PCT SOLIDS: 69.77
SOLVENT DENSITY: 7.50 VOC LE: 2.3 VOC AP: 2.3
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 1 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

VG-M-6005™ 1,2,4-trimethyl benzene(1.7%*), 1,6-hexamethylene diisocyanate(0.2%*@), Aliphatic polyisocyanate resin(89.8%), Aromatic hydrocarbon(2.6%), Butyl acetate(5.0%)
GAL WT: 9.35 WT PCT SOLIDS: 90.00 VOL PCT SOLIDS: 87.23
SOLVENT DENSITY: 7.29 VOC LE: 0.9 VOC AP: 0.9
FLASH POINT: 100°F - 141°F H: 2 F: 2 R: 1 OSHA STORAGE: II
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: YES

VGY611™ 1,6-hexamethylene diisocyanate(0.1%*@), Aliphatic polyisocyanate resin(74.8%), Butyl acetate(6.9%), Ethyl acetate(13.8%), Ethylene glycol monobutyl ether acetate(4.3%*@)
GAL WT: 9.09 WT PCT SOLIDS: 74.99 VOL PCT SOLIDS: 69.80
SOLVENT DENSITY: 7.50 VOC LE: 2.3 VOC AP: 2.3
FLASH POINT: 20°F to below 73°F H: 3 F: 3 R: 1 OSHA STORAGE: IB
TSCA STATUS: In Compliance PHOTO-CHEMICALLY REACTIVE: NO

VHY691™ Dibutyl tin dilaurate(1.6%), Ethyl acetate(98.3%)
GAL WT: 7.54 WT PCT SOLIDS: 1.55 VOL PCT SOLIDS: 1.34
SOLVENT DENSITY: 7.52 VOC LE: 7.4 VOC AP: 7.4
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

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