



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

Manufacturer: Spies Hecker  
47818 W. Anchor Ct.  
Plymouth, MI 48170

Telephone: Product information: (888) 371-3313  
Medical emergency: (800) 441-3637  
Transportation emergency: (800) 424-9300 (CHEMTREC)

Product: **1 - Spies Hecker® Clear Coats**

DOT Shipping Name: See Index.

Hazardous Materials Information: See Section 10.

Products covered in this document include: Permacron® 2.1 Clear Coat 8095 (295 8095 1), Permacron® 2.1 Clear Coat 8097 (295 8097 5), Permacron® MS Clear Coat 8015 (295 8015 3), Permacron® MS Clear Coat 8180 (295 8180 0), Permacron® MS Express Clear Coat 8046 (295 8046 0), Permacron® Semi-gloss Elastic Clear Coat 8070 (291 8070 8), Permacryl® One Pack Clear Coat 8020 (295 8020 0), Permasolid® HS Clear Coat 8030 (295 8030 7/292 8030 3), Permasolid® HS Clear Coat 8035 (295 8035 0), Permasolid® HS Diamond Clear Coat 8450 (295 8450 0), Permasolid® HS Optimum Clear Coat 8600 (295 8600 0), Permasolid® Low VOC Clear Coat 8096 (295 8096 0), Permasolid® Low VOC Clear Coat 8098 (295 8098 0)

**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
1,3,5-trimethyl benzene	108-67-8	None	A 25.0 ppm, O None
2-butoxyethyl acetate	112-07-2	0.3	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
Acrylate resin	98613-27-5	None	A None, O None
Acrylic polymer-A	NotAvail	None	A None, O None
Acrylic polymer-B	162568-42-5	None	A None, O None
Acrylic polymer-C	69215-54-9	None	A None, O None
Acrylic resin	NotAvail	None	A None, O None
Amorphous silica - precipitated	112926-00-8	None	O 15.0 mg/kg Total Dust, O 5.0 mg/m3 TWA Respirable Dust, D 3.0 mg/m3 Respirable Dust, A None
Aromatic hydrocarbon	64742-95-6	10.0@25.0 °C	D 50.0 ppm, 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
Carbamate resin	26935-10-4	None	A None, O None
Cumene	98-82-8	3.7	A 50.0 ppm, O 50.0 ppm Skin
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	0.0	D 5.0 ppm, A None, O None
Ethoxypropyl acetate	98516-30-4	2.3	A None, O None
Ethyl 3-ethoxy propionate	763-69-9	2.3	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 20.0 ppm, O 100.0 ppm, D 25.0 ppm 8 & 12 hour TWA
Isododecane	31807-55-3	None	A None, O None
Isopropyl alcohol	67-63-0	48.0	A None, O None
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
Methyl isoamyl ketone	110-12-3	5.3	A None, O None
Methyl isobutyl ketone	108-10-1	15.1	A 75.0 ppm 15 min STEL Skin, A 50.0 ppm Skin, O 100.0 ppm Skin
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	5.1	A None, O None
Polyacrylic resin	NotAvail	None	A None, O None
Polycaprolactone oligomer	35484-93-6	None	A None, O None
Polyester resin-A	NotAvail	None	A None, O None
Polyester resin-B	129922-22-1	None	A None, O None
Polyester resin-C	69153-52-2	None	A None, O None
Propylene glycol monomethyl ether acetate	108-65-6	3.8	D 30.0 ppm 15 min TWA, A None, O None
Substituted benzotriazole	127519-17-9	0.1	S 4.0 mg/m3, A None, O None
Synthetic resin	NotAvail	None	A None, O None
Toluene	108-88-3	29.0	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
Ultraviolet absorber	NotAvail	0.0@25.0 °C	A None, O None
Xylene	1330-20-7	8.0@25.0 °C	A 150.0 ppm 15 min STEL, A 100.0 ppm, O 100.0 ppm, D 150.0 ppm 15 min STEL, D 100.0 ppm 8 & 12 hour TWA





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

### 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.

##### 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.

##### Cumene

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

##### Ethanol, 2-(2-butoxyethoxy)-

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, kidneys, liver, skin. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver. Recurrent overexposure may result in liver and kidney injury. High doses in laboratory animals have shown non specific effects such as irritation, weight loss, moderate blood changes. Eye contact may cause any of the following: severe irritation, burns, corneal injury.

##### 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.

##### Isopropyl alcohol

The following medical conditions may be aggravated by exposure: dermatitis, respiratory disease. Developmental toxicity was seen in rat's offspring at doses that were maternally toxic. Contact may cause skin irritation with discomfort or rash. Can be absorbed through the skin in harmful amounts. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning. May cause injury to the cornea of the eyes. Prolonged or repeated exposure may cause damage to any of the following organs/systems: liver. Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights. Aspiration may occur during swallowing or vomiting, resulting in lung damage. May cause central nervous system depression with headache, stupor, uncoordinated or strange behavior, or unconsciousness. Irritating to the mouth, throat and stomach. May cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, coughing and possibly accompanied by chest pain. Prolonged or repeated skin contact may cause drying, cracking, or irritation. Ingestion may cause headache, nausea, vomiting, dizziness, and drowsiness. Swallowing significant amounts of substance could cause serious injury, even death.





#### 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.

#### Methyl isoamyl ketone

Extremely high oral doses in laboratory animals have shown weight changes in various organs such as the liver, kidney and adrenal gland. In addition liver injury was observed.

#### Methyl isobutyl ketone

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

#### Polyester resin-C

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

#### 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. Tests in laboratory animals have shown effects on any of the following organs/systems: blood, kidneys, liver, thyroid, upper respiratory system.

#### 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.

### 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 0.9 % UFL 12.8 %

#### 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. 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) 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 – 144 ° C
Approx. Freezing Range ( ° C)	-95 – -35 ° C
Gallon Weight (lbs/gal)	7.36064 - 9.32181
Specific Gravity	0.88 - 1.12
Percent Volatile By Volume	45.76 - 86.96
Percent Volatile By Weight	39.92 - 83.11
Percent Solids By Volume	13.04 - 54.24
Percent Solids By Weight	16.87 - 59.99

**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

**291 8070 8™** 1,2,4-trimethyl benzene(2%\*), Acrylate resin, Amorphous silica - precipitated, Aromatic hydrocarbon, Butyl acetate, Ethylbenzene(1.4%\*<sup>@</sup>), Polyester resin-A, Propylene glycol monomethyl ether acetate, Xylene(6%\*<sup>@</sup>) **GAL WT: 8.68 WT PCT SOLIDS: 50.32 VOL PCT SOLIDS: 41.55 SOLVENT DENSITY: 7.49 VOC LE: 4.3 VOC AP: 4.3 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 0 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

**295 8015 3™** Acrylic resin, Butyl acetate, Ethylbenzene(5.3%\*<sup>@</sup>), Isododecane, Methyl isoamyl ketone, Methyl isobutyl ketone(3.0%\*<sup>@</sup>), Polyester resin-A, Ultraviolet absorber, Xylene(21%\*<sup>@</sup>) **GAL WT: 8.03 WT PCT SOLIDS: 49.42 VOL PCT SOLIDS: 43.24 SOLVENT DENSITY: 7.14 VOC LE: 4.1 VOC AP: 4.1 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 0 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

**295 8020 0™** 1,2,4-trimethyl benzene(7%\*), 1,3,5-trimethyl benzene, Aromatic hydrocarbon, Carbamate resin, Cumene(0.4%\*<sup>@</sup>), Ethylbenzene(2.6%\*<sup>@</sup>), Isopropyl alcohol, Methyl ethyl ketone, Naphtha (petroleum), hydrodesulfurized heavy, Propylene glycol monomethyl ether acetate, Toluene(21%\*<sup>@</sup>), Xylene(11%\*<sup>@</sup>) **GAL WT: 7.36 WT PCT SOLIDS: 16.87 VOL PCT SOLIDS: 13.04 SOLVENT DENSITY: 7.04 VOC LE: 6.1 VOC AP: 6.1 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 0 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

**295 8030 7/292 8030 3™** 1,2,4-trimethyl benzene(6%\*), 1,3,5-trimethyl benzene, Aromatic hydrocarbon, Butyl acetate, Cumene(0.3%\*<sup>@</sup>), Ethoxypropyl acetate, Ethylbenzene(1.9%\*<sup>@</sup>), Polyacrylic resin, Xylene(8%\*<sup>@</sup>) **GAL WT: 8.44 WT PCT SOLIDS: 59.99 VOL PCT SOLIDS: 54.24 SOLVENT DENSITY: 7.33 VOC LE: 3.4 VOC AP: 3.4 FLASH POINT: 100 °F - 141 °F H: 2 F: 2 R: 0 OSHA STORAGE: II TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

**295 8035 0™** 1,2,4-trimethyl benzene(5%\*), 1,3,5-trimethyl benzene, Acrylic polymer-B, Acrylic resin, Aromatic hydrocarbon, Butyl acetate, Cumene(0.2%\*<sup>@</sup>), Ethylbenzene(0.3%\*<sup>@</sup>), Methyl isoamyl ketone, Polyester resin-A, Xylene(1%\*<sup>@</sup>) **GAL WT: 8.29 WT PCT SOLIDS: 57.57 VOL PCT SOLIDS: 50.28 SOLVENT DENSITY: 7.04 VOC LE: 3.5 VOC AP: 3.5 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 0 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

**295 8046 0™** Acetone, Acrylic polymer-C, Acrylic resin, Butyl acetate, Ethanol, 2-(2-butoxyethoxy)-(3%\*<sup>@</sup>), Ethylbenzene(5.3%\*<sup>@</sup>), Methyl ethyl ketone, Methyl isoamyl ketone, Polyester resin-A, Xylene(21%\*<sup>@</sup>) **GAL WT: 8.03 WT PCT SOLIDS: 48.29 VOL PCT SOLIDS: 41.53 SOLVENT DENSITY: 7.09 VOC LE: 4.1 VOC AP: 4.0 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 0 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

**295 8095 1™** 4-chlorobenzotrifluoride, Acetone, Acrylic polymer-A, Methyl amyl ketone, Polyester resin-A **GAL WT: 8.98 WT PCT SOLIDS: 49.64 VOL PCT SOLIDS: 46.96 SOLVENT DENSITY: 8.53 VOC LE: 2.2 VOC AP: 1.5 FLASH POINT: 20 °F to below 73 °F H: 2 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

**295 8096 0™** 4-chlorobenzotrifluoride, Acetone, Acrylic polymer-A, Acrylic resin, Butyl acetate, Ethyl acetate, Methyl amyl ketone, Polyester resin-C, Substituted benzotriazole **GAL WT: 8.94 WT PCT SOLIDS: 53.55 VOL PCT SOLIDS: 51.12 SOLVENT DENSITY: 8.40 VOC LE: 2.3 VOC AP: 1.7 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

**295 8097 5™** 4-chlorobenzotrifluoride, Acetone, Acrylic polymer-A, Acrylic resin, Butyl acetate, Methyl amyl ketone, Polyester resin-B, Substituted benzotriazole **GAL WT: 8.94 WT PCT SOLIDS: 51.98 VOL PCT SOLIDS: 49.82 SOLVENT DENSITY: 8.56 VOC LE: 2.2 VOC AP: 1.6 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

**295 8098 0™** 4-chlorobenzotrifluoride, Acetone, Acrylic polymer-A, Acrylic resin, Butyl acetate, Methyl amyl ketone, Synthetic resin **GAL WT: 9.32 WT PCT SOLIDS: 43.79 VOL PCT SOLIDS: 42.99 SOLVENT DENSITY: 9.25 VOC LE: 2.4 VOC AP: 1.6 FLASH POINT: 20 °F to below 73 °F H: 1 F: 3 R: 1 OSHA STORAGE: IB TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: NO**

**295 8180 0™** 2-butoxyethyl acetate(3%\*<sup>@</sup>), Acrylic resin, Butyl acetate, Ethyl 3-ethoxy propionate, Ethylbenzene(8.9%\*<sup>@</sup>), Xylene(35%\*<sup>@</sup>) **GAL WT: 8.14 WT PCT SOLIDS: 46.58 VOL PCT SOLIDS: 40.34 SOLVENT DENSITY: 7.27 VOC LE: 4.3 VOC AP: 4.3 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 0 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

**295 8450 0™** 1,2,4-trimethyl benzene(3%\*), Acrylic polymer-A, Acrylic resin, Aromatic hydrocarbon, Butyl acetate, Cumene(0.2%\*<sup>@</sup>), Ethylbenzene(0.6%\*<sup>@</sup>), Methyl isoamyl ketone, Methyl isobutyl ketone(0.4%\*<sup>@</sup>), Polycaprolactone oligomer, Polyester resin-A, Xylene(2%\*<sup>@</sup>) **GAL WT: 7.99 WT PCT SOLIDS: 49.89 VOL PCT SOLIDS: 42.79 SOLVENT DENSITY: 7.32 VOC LE: 4.0 VOC AP: 4.0 FLASH POINT: 100 °F - 141 °F H: 2 F: 2 R: 0 OSHA STORAGE: II TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

**295 8600 0™** 1,2,4-trimethyl benzene(4%\*), Acrylic polymer-C, Acrylic resin, Aromatic hydrocarbon, Butyl acetate, Cumene(0.2%\*<sup>@</sup>), Ethanol, 2-(2-butoxyethoxy)-(1%\*<sup>@</sup>), Ethylbenzene(0.6%\*<sup>@</sup>), Methyl isoamyl ketone, Polyester resin-A, Xylene(3%\*<sup>@</sup>) **GAL WT: 7.98 WT PCT SOLIDS: 48.21 VOL PCT SOLIDS: 41.03 SOLVENT DENSITY: 6.98 VOC LE: 4.1 VOC AP: 4.1 FLASH POINT: 73 °F to below 100 °F H: 2 F: 3 R: 0 OSHA STORAGE: IC TSCA STATUS: In Compliance PHOTOCHEMICALLY REACTIVE: YES**

#### 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.

\* VOC less exempt (theoretical) and VOC as packaged (theoretical) are based upon the VOC of the packaged material at the point of manufacture.

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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.

