

# SAFETY DATA SHEET

Revision Date 19-May-2015

Version 3

## 1. IDENTIFICATION

### Product identifier

**Product Name** Primer-Sealer Catalyst-Hot Weather

### Other means of identification

**Product Code** BPR-1271-6  
**UN/ID no.** UN1263  
**SKU(s)** BPR-1271-4, BPR-1271-6

### Recommended use of the chemical and restrictions on use

**Recommended Use** No information available.  
**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Vogel Automotive Coatings  
1020 Albany Place SE  
Orange City, IA 51041  
Phone: 712-737-4993  
Fax: 712-737-4997

### Emergency telephone number

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                   |             |
|-------------------|-------------|
| Carcinogenicity   | Category 1B |
| Flammable liquids | Category 2  |

### Emergency Overview

#### **Danger**

#### **Hazard statements**

May cause cancer  
Highly flammable liquid and vapor



**Appearance** No information available

**Physical state** liquid

**Odor** No information available

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Use explosion-proof electrical/ ventilating/ lighting/ equipment

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

• Toxic to aquatic life with long lasting effects  
 Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name              | CAS No.    | Weight-% | Trade Secret |
|----------------------------|------------|----------|--------------|
| Parachlorobenzotrifluoride | 98-56-6    | 40 - 70  | *            |
| Aromatic 150               | 64742-94-5 | 3 - 7    | *            |
| Tert-Butyl Acetate         | 540-88-5   | 1 - 5    | *            |
| Naphthalene                | 91-20-3    | 0.1 - 1  | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures**

|   |   |
|---|---|
| <b>General advice</b>                     | Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).   |
| <b>Eye contact</b>                        | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. |
| <b>Skin Contact</b>                       | Wash off immediately with plenty of water.  |
| <b>Inhalation</b>                         | Remove to fresh air. Call a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.                 |
| <b>Ingestion</b>                          | Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.  |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition.   |

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Flammable.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Incompatible materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure Guidelines**

| Chemical Name                         | ACGIH TLV                    | OSHA PEL   | NIOSH IDLH  |
|---------------------------------------|------------------------------|--|---|
| Parachlorobenzotrifluoride<br>98-56-6 | TWA: 2.5 mg/m <sup>3</sup> F | TWA: 2.5 mg/m <sup>3</sup> F<br>TWA: 2.5 mg/m <sup>3</sup> dust<br>(vacated) TWA: 2.5 mg/m <sup>3</sup>  | -   |
| Tert-Butyl Acetate<br>540-88-5        | TWA: 200 ppm                 | TWA: 200 ppm<br>TWA: 950 mg/m <sup>3</sup><br>(vacated) TWA: 200 ppm<br>(vacated) TWA: 950 mg/m <sup>3</sup>   | IDLH: 1500 ppm<br>TWA: 200 ppm<br>TWA: 950 mg/m <sup>3</sup>  |
| Naphthalene<br>91-20-3                | TWA: 10 ppm<br>S*            | TWA: 10 ppm<br>TWA: 50 mg/m <sup>3</sup><br>(vacated) TWA: 10 ppm<br>(vacated) TWA: 50 mg/m <sup>3</sup><br>(vacated) STEL: 15 ppm<br>(vacated) STEL: 75 mg/m <sup>3</sup> | IDLH: 250 ppm<br>TWA: 10 ppm<br>TWA: 50 mg/m <sup>3</sup><br>STEL: 15 ppm<br>STEL: 75 mg/m <sup>3</sup> |

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** No special technical protective measures are necessary.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | liquid                   | <b>Odor</b>           | No information available |
| <b>Appearance</b>     | No information available | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | No information available |                       |                          |

| <u>Property</u>                      | <u>Values</u>            | <u>Remarks • Method</u> |
|--------------------------------------|--------------------------|-------------------------|
| <b>pH</b>                            | No information available |                         |
| <b>Melting point/freezing point</b>  | No information available |                         |
| <b>Boiling point / boiling range</b> | >= 98 °C / 208 °F        |                         |
| <b>Flash point</b>                   | 22 °C / 72 °F            |                         |
| <b>Evaporation rate</b>              | No information available |                         |
| <b>Flammability (solid, gas)</b>     | No information available |                         |

**Flammability Limit in Air**

|                              |                          |
|------------------------------|--------------------------|
| Upper flammability limit:    | No information available |
| Lower flammability limit:    | No information available |
| Vapor pressure               | No information available |
| Vapor density                | No information available |
| Specific Gravity             | 1.23                     |
| Water solubility             | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient        | No information available |
| Autoignition temperature     | No information available |
| Decomposition temperature    | No information available |
| Kinematic viscosity          | No information available |
| Dynamic viscosity            | No information available |
| Explosive properties         | No information available |
| Oxidizing properties         | No information available |

**Other Information**

|                            |                          |
|----------------------------|--------------------------|
| Softening point            | No information available |
| Molecular weight           | No information available |
| VOC Content (%)            | No information available |
| Density                    | 10.28 lbs/gal            |
| Bulk density               | No information available |
| Percent solids by weight   | 21.4%                    |
| Percent volatile by weight | 7.1%                     |
| Percent solids by volume   | 22.6%                    |
| Actual VOC (lbs/gal)       | 0.7                      |
| Actual VOC (grams/liter)   | 87.8                     |
| EPA VOC (lbs/gal)          | 2.3                      |
| EPA VOC (grams/liter)      | 271.5                    |
| EPA VOC (lb/gal solids)    | 3.3                      |

**10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |                    |
|----------------------------|--------------------|
| <b>Product Information</b> | No data available  |
| <b>Inhalation</b>          | No data available. |
| <b>Eye contact</b>         | No data available. |

**Skin Contact** No data available.

**Ingestion** No data available.

| Chemical Name                         | Oral LD50                                | Dermal LD50                                   | Inhalation LC50                      |
|---------------------------------------|--|---|--------------------------------------|
| Parachlorobenzotrifluoride<br>98-56-6 | = 13 g/kg ( Rat )                        | > 2 mL/kg ( Rabbit )                          | = 33 mg/L ( Rat ) 4 h                |
| Aromatic 150<br>64742-94-5            | > 5000 mg/kg ( Rat )                     | > 2 mL/kg ( Rabbit )                          | > 590 mg/m <sup>3</sup> ( Rat ) 4 h  |
| Tert-Butyl Acetate<br>540-88-5        | = 4100 mg/kg ( Rat )                     | > 2 g/kg ( Rabbit )                           | > 2230 mg/m <sup>3</sup> ( Rat ) 4 h |
| Naphthalene<br>91-20-3                | = 1110 mg/kg ( Rat ) = 490 mg/kg ( Rat ) | (= 1120 mg/kg ( Rabbit ) > 20 g/kg ( Rabbit ) | > 340 mg/m <sup>3</sup> ( Rat ) 1 h  |

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name          | ACGIH | IARC     | NTP                    | OSHA |
|------------------------|-------|----------|------------------------|------|
| Naphthalene<br>91-20-3 | A3    | Group 2B | Reasonably Anticipated | X    |

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A3 - Animal Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Group 2B - Possibly Carcinogenic to Humans*

*NTP (National Toxicology Program)*

*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target Organ Effects**

Central nervous system, Eyes, Respiratory system, Skin.

**Aspiration hazard** No information available.

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects

21.4% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name                         | Algae/aquatic plants                     | Fish  | Crustacea                          |
|---------------------------------------|--|---|------------------------------------|
| Parachlorobenzotrifluoride<br>98-56-6 | -  | 11.5 - 15.8: 48 h Lepomis macrochirus mg/L LC50 static  | 3.68: 48 h Daphnia magna mg/L EC50 |
| Aromatic 150<br>64742-94-5            | 2.5: 72 h Skeletonema costatum mg/L EC50 | 19: 96 h Pimephales promelas mg/L LC50 static 2.34: 96 h Oncorhynchus mykiss mg/L LC50 1740: 96 h Lepomis macrochirus mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 41: 96 h Pimephales promelas mg/L LC50 | 0.95: 48 h Daphnia magna mg/L EC50 |
| Tert-Butyl Acetate<br>540-88-5        | -  | 296 - 362: 96 h Pimephales promelas mg/L LC50 flow-through  | -                                  |

|                        |   |   |  |
|------------------------|---|---|--|
| Naphthalene<br>91-20-3 | 0.4: 72 h Skeletonema costatum<br>mg/L EC50 | 5.74 - 6.44: 96 h Pimephales<br>promelas mg/L LC50 flow-through<br>1.6: 96 h Oncorhynchus mykiss<br>mg/L LC50 flow-through 0.91 - 2.82:<br>96 h Oncorhynchus mykiss mg/L<br>LC50 static 1.99: 96 h Pimephales<br>promelas mg/L LC50 static 31.0265:<br>96 h Lepomis macrochirus mg/L<br>LC50 static | 2.16: 48 h Daphnia magna mg/L<br>LC50 1.96: 48 h Daphnia magna<br>mg/L EC50 Flow through 1.09 - 3.4:<br>48 h Daphnia magna mg/L EC50<br>Static |
|------------------------|---|---|--|

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name                         | Partition coefficient |
|---------------------------------------|-----------------------|
| Parachlorobenzotrifluoride<br>98-56-6 | 3.7                   |
| Aromatic 150<br>64742-94-5            | 2.9 - 6.1             |
| Tert-Butyl Acetate<br>540-88-5        | 1.38                  |
| Naphthalene<br>91-20-3                | 3.3                   |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes**

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated packaging**

Do not reuse container.

**US EPA Waste Number**

D001 U165

| Chemical Name          | RCRA | RCRA - Basis for Listing   | RCRA - D Series Wastes | RCRA - U Series Wastes |
|------------------------|------|--|------------------------|------------------------|
| Naphthalene<br>91-20-3 | U165 | Included in waste streams:<br>F024, F025, F034, F039,<br>K001, K035, K060, K087,<br>K145 | -                      | U165                   |

| Chemical Name          | RCRA - Halogenated Organic Compounds | RCRA - P Series Wastes | RCRA - F Series Wastes   | RCRA - K Series Wastes |
|------------------------|--------------------------------------|------------------------|--|------------------------|
| Naphthalene<br>91-20-3 | -                                    | -                      | Toxic waste<br>waste number F025<br>Waste description:<br>Condensed light ends, spent<br>filters and filter aids, and<br>spent desiccant wastes from<br>the production of certain<br>chlorinated aliphatic<br>hydrocarbons, by free<br>radical catalyzed processes.<br>These chlorinated aliphatic<br>hydrocarbons are those<br>having carbon chain lengths<br>ranging from one to and<br>including five, with varying<br>amounts and positions of<br>chlorine substitution. | -                      |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name          | California Hazardous Waste Status |
|------------------------|-----------------------------------|
| Naphthalene<br>91-20-3 | Toxic                             |

### 14. TRANSPORT INFORMATION

**DOT**

**UN/ID no.** UN1263  
**Proper shipping name** Paint Related Material  
**Hazard Class** Class 3, Flammable Liquid  
  
**Packing Group** II  
**Special Provisions** 149, B52, IB2, T4, TP1, TP8, TP28  
**Description** UN1263, Paint related material, Class 3, Flammable Liquid, II  
**Emergency Response Guide Number** 128

**TDG**

**UN/ID no.** UN1263  
**Proper shipping name** Paint Related Material  
**Hazard Class** 3  
**Packing Group** II  
**Description** UN1263, Paint related material, 3, II

**MEX**

**UN/ID no.** UN1263  
**Proper shipping name** Paint Related Material  
**Hazard Class** 3  
**Packing Group** II  
**Description** UN1263, Paint related material, 3, II

**ICAO (air)**

**UN/ID no.** UN1263  
**Proper shipping name** Paint Related Material  
**Hazard Class** 3  
**Packing Group** II  
**Special Provisions** A3, A72  
**Description** UN1263, Paint related material, 3, II

**IATA**

**UN/ID no.** UN1263  
**Proper shipping name** Paint Related Material  
**Hazard Class** 3  
**Packing Group** II  
**ERG Code** 3L  
**Special Provisions** A3, A72  
**Description** UN1263, Paint related material, 3, II

**IMDG**

**UN/ID no.** UN1263  
**Proper shipping name** Paint related material  
**Hazard Class** 3  
**Packing Group** II  
**EmS-No.** F-E, S-E  
**Special Provisions** 163  
**Description** UN1263, Paint related material, 3, II

**RID**

**UN/ID no.** UN1263  
**Proper shipping name** Paint Related Material



**Hazard Class** 3  
**Packing Group** II  
**Classification code** F1  
**Description** UN1263, Paint related material, 3, II

**ADR**

**UN/ID no.** UN1263  
**Proper shipping name** Paint Related Material  
**Hazard Class** 3  
**Packing Group** II  
**Classification code** F1  
**Tunnel restriction code** (D/E)  
**Special Provisions** 163, 640C, 650  
**Description** UN1263, Paint related material, 3, II, (D/E)  
**Labels** 3

**ADN**

**Proper shipping name** Paint Related Material  
**Hazard Class** 3  
**Packing Group** II  
**Classification code** F1  
**Special Provisions** 163, 640C, 650  
**Description** UN1263, Paint related material , 3, II  
**Hazard label(s)** 3  
**Limited quantity (LQ)** 5 L  
**Ventilation** VE01

|                                   |
|-----------------------------------|
| <b>15. REGULATORY INFORMATION</b> |
|-----------------------------------|

**International Inventories**

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>DSL/NDSL</b>      | Complies |
| <b>EINECS/ELINCS</b> | Complies |
| <b>ENCS</b>          | Complies |
| <b>IECSC</b>         | Complies |
| <b>KECL</b>          | Complies |
| <b>PICCS</b>         | Complies |
| <b>AICS</b>          | Complies |

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name         | SARA 313 - Threshold Values % |
|-----------------------|-------------------------------|
| Naphthalene - 91-20-3 | 0.1                           |

**SARA 311/312 Hazard Categories**

|                              |     |
|------------------------------|-----|
| <b>Acute health hazard</b>   | Yes |
| <b>Chronic Health Hazard</b> | No  |
| <b>Fire hazard</b>           | Yes |

Sudden release of pressure hazard No  
 Reactive Hazard No

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name                  | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Tert-Butyl Acetate<br>540-88-5 | -                           | -                      | -                         | X                          |
| Naphthalene<br>91-20-3         | 100 lb                      | X                      | X                         | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name                  | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)   |
|--------------------------------|--------------------------|----------------|--|
| Tert-Butyl Acetate<br>540-88-5 | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ   |
| Naphthalene<br>91-20-3         | 100 lb 1 lb              | -              | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ RQ 1 lb final RQ<br>RQ 0.454 kg final RQ |

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical Name         | California Proposition 65 |
|-----------------------|---------------------------|
| Naphthalene - 91-20-3 | Carcinogen                |

**U.S. State Right-to-Know Regulations**

| Chemical Name                         | New Jersey | Massachusetts | Pennsylvania |
|---------------------------------------|------------|---------------|--------------|
| Parachlorobenzotrifluoride<br>98-56-6 | X          | -             | X            |
| Tert-Butyl Acetate<br>540-88-5        | X          | X             | X            |
| Naphthalene<br>91-20-3                | X          | X             | X            |
| 1,2,4-Trimethylbenzene<br>95-63-6     | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**Hazardous air pollutants (HAPS) content**

This product contains no reportable Hazardous Air Pollutants

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

**NFPA** Health hazards 2 Flammability 3 Instability 0 Physical and Chemical Properties -  
**HMIS** Health hazards 2 \* Flammability 3 Physical hazards 0 Personal protection X

Chronic Hazard Star Legend \* = Chronic Health Hazard

Revision Date 19-May-2015

**Revision Note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

**End of Safety Data Sheet**