

# SAFETY DATA SHEET

Revision Date 18-May-2015

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** SEAL & SHINE - ACRYLIC UR

### Other means of identification

**Product Code** BW951A  
**UN/ID no.** UN1263  
**SKU(s)** BW951A

### 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)

|                    |            |
|--------------------|------------|
| Skin sensitization | Category 1 |
| Flammable liquids  | Category 2 |

### Emergency Overview

#### **Danger**

#### **Hazard statements**

May cause an allergic skin reaction  
 Highly flammable liquid and vapor



**Appearance** No information available

**Physical state** liquid

**Odor** No information available

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace  
 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  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Use explosion-proof electrical/ ventilating/ lighting/ equipment

If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse  
 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 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
  - Toxic to aquatic life
- 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     | 15 - 40  | *            |
| Acetone                    | 67-64-1     | 5 - 10   | *            |
| Butyl Acetate              | 123-86-4    | 3 - 7    | *            |
| Methyl Amyl Ketone         | 110-43-0    | 1 - 5    | *            |
| Substituted benzotriazole  | 104810-48-2 | 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**

**General advice**    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).

**Eye contact**    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.

**Skin Contact**    Wash off immediately with plenty of water.

**Inhalation**    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.

**Ingestion**    Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.

**Self-protection of the first aider**    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**

Extremely 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** Strong acids. Strong oxidizing agents. Chlorinated compounds.

**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>  | -  |
| Acetone<br>67-64-1                    | STEL: 500 ppm<br>TWA: 250 ppm | TWA: 1000 ppm<br>TWA: 2400 mg/m <sup>3</sup><br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 2400 mg/m <sup>3</sup> The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors<br>(vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m <sup>3</sup>   |
| Butyl Acetate<br>123-86-4             | STEL: 200 ppm<br>TWA: 150 ppm | TWA: 150 ppm<br>TWA: 710 mg/m <sup>3</sup><br>(vacated) TWA: 150 ppm<br>(vacated) TWA: 710 mg/m <sup>3</sup><br>(vacated) STEL: 200 ppm<br>(vacated) STEL: 950 mg/m <sup>3</sup>   | IDLH: 1700 ppm<br>TWA: 150 ppm<br>TWA: 710 mg/m <sup>3</sup><br>STEL: 200 ppm<br>STEL: 950 mg/m <sup>3</sup> |
| Methyl Amyl Ketone<br>110-43-0        | TWA: 50 ppm                   | TWA: 100 ppm<br>TWA: 465 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 465 mg/m <sup>3</sup>   | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 465 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> |
|-------------------------------|--------------------------|-------------------------|
| pH                            | No information available |                         |
| Melting point/freezing point  | No information available |                         |
| Boiling point / boiling range | >= 56 °C / 133 °F        |                         |
| Flash point                   | -17 °C / 1 °F            |                         |
| Evaporation rate              | No information available |                         |
| Flammability (solid, gas)     | 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              | 1.12                     |                         |
| 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                    | 9.33 lbs/gal             |
| Bulk density               | No information available |
| Percent solids by weight   | 41.7%                    |
| Percent volatile by weight | 11.5%                    |
| Percent solids by volume   | 41.5%                    |
| Actual VOC (lbs/gal)       | 1.1                      |
| Actual VOC (grams/liter)   | 128.3                    |
| EPA VOC (lbs/gal)          | 1.9                      |
| EPA VOC (grams/liter)      | 229.2                    |
| EPA VOC (lb/gal solids)    | 2.6                      |

**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**

Strong acids. Strong oxidizing agents. Chlorinated compounds.

**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. |
| <b>Skin Contact</b>        | No data available. |
| <b>Ingestion</b>           | 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                 |
| Acetone<br>67-64-1                       | = 5800 mg/kg ( Rat )                      | -  | = 50100 mg/m <sup>3</sup> ( Rat ) 8 h |
| Butyl Acetate<br>123-86-4                | = 10768 mg/kg ( Rat )                     | > 17600 mg/kg ( Rabbit )                         | = 390 ppm ( Rat ) 4 h                 |
| Methyl Amyl Ketone<br>110-43-0           | = 1600 mg/kg ( Rat ) = 1670 mg/kg ( Rat ) | = 12.6 mL/kg ( Rabbit ) = 12600 µL/kg ( Rabbit ) | > 2000 ppm ( Rat ) 4 h                |
| Substituted benzotriazole<br>104810-48-2 | > 5000 mg/kg (Rat)                        | -  | -                                     |

**Information on toxicological effects**

**Symptoms** No information available.

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

|                                 |   |
|---------------------------------|---|
| <b>Sensitization</b>            | No information available.   |
| <b>Germ cell mutagenicity</b>   | No information available.   |
| <b>Carcinogenicity</b>          | No information available.<br><i>IARC (International Agency for Research on Cancer)<br/>Group 3 - Not classifiable as a human carcinogen</i> |
| <b>Reproductive toxicity</b>    | No information available.   |
| <b>STOT - single exposure</b>   | No information available.   |
| <b>STOT - repeated exposure</b> | No information available.   |
| <b>Target Organ Effects</b>     | Central nervous system, Eyes, Peripheral Nervous System (PNS), Respiratory system, Skin.  |
| <b>Aspiration hazard</b>        | 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

41.37% 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   |
| Acetone<br>67-64-1                    | -                    | 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50 | 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50 |

|                                |  |  |                                       |
|--------------------------------|--|--|---------------------------------------|
| Butyl Acetate<br>123-86-4      | 674.7: 72 h Desmodesmus<br>subspicatus mg/L EC50 | 100: 96 h Lepomis macrochirus<br>mg/L LC50 static 17 - 19: 96 h<br>Pimephales promelas mg/L LC50<br>flow-through 62: 96 h Leuciscus<br>idus mg/L LC50 static | 72.8: 24 h Daphnia magna mg/L<br>EC50 |
| Methyl Amyl Ketone<br>110-43-0 | -  | 126 - 137: 96 h Pimephales<br>promelas mg/L LC50 flow-through  | -                                     |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name                         | Partition coefficient |
|---------------------------------------|-----------------------|
| Parachlorobenzotrifluoride<br>98-56-6 | 3.7                   |
| Acetone<br>67-64-1                    | -0.24                 |
| Butyl Acetate<br>123-86-4             | 1.81                  |
| Methyl Amyl Ketone<br>110-43-0        | 1.98                  |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**US EPA Waste Number**

D001 U002 U057 U239

| Chemical Name      | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|--------------------|------|-----------------------------------|------------------------|------------------------|
| Acetone<br>67-64-1 | -    | Included in waste stream:<br>F039 | -                      | U002                   |

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 |
|---------------------------|-----------------------------------|
| Acetone<br>67-64-1        | Ignitable                         |
| Butyl Acetate<br>123-86-4 | Toxic                             |

**14. TRANSPORT INFORMATION**

**DOT**

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

**TDG**

UN/ID no. UN1263  
 Proper shipping name Paint  
 Hazard Class 3  
 Packing Group II  
 Description UN1263, Paint, 3, II

**MEX**

UN/ID no. UN1263  
 Proper shipping name Paint  
 Hazard Class 3  
 Packing Group II  
 Description UN1263, Paint, 3, II

**ICAO (air)**

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

**IATA**

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

**IMDG**

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

**RID**

UN/ID no. UN1263  
 Proper shipping name Paint  
 Hazard Class 3  
 Packing Group II  
 Classification code F1  
 Description UN1263, Paint, 3, II

**ADR**

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

**ADN**

Proper shipping name Paint  
 Hazard Class 3



|                              |                      |
|------------------------------|----------------------|
| <b>Packing Group</b>         | II                   |
| <b>Classification code</b>   | F1                   |
| <b>Special Provisions</b>    | 163, 640C, 650       |
| <b>Description</b>           | UN1263, Paint, 3, II |
| <b>Hazard label(s)</b>       | 3                    |
| <b>Limited quantity (LQ)</b> | 5 L                  |
| <b>Ventilation</b>           | VE01                 |

**15. REGULATORY INFORMATION**

**International Inventories**

|                      |                   |
|----------------------|-------------------|
| <b>TSCA</b>          | Complies          |
| <b>DSL/NDSL</b>      | Complies *        |
| <b>EINECS/ELINCS</b> | Does not comply * |
| <b>ENCS</b>          | Does not comply * |
| <b>IECSC</b>         | Complies *        |
| <b>KECL</b>          | Complies *        |
| <b>PICCS</b>         | Complies *        |
| <b>AICS</b>          | Complies *        |

\* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

**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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | Yes |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | 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 |
|---------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Butyl Acetate<br>123-86-4 | 5000 lb                     | -                      | -                         | 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)                   |
|---------------------------|--------------------------|----------------|--|
| Acetone<br>67-64-1        | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Butyl Acetate<br>123-86-4 | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical Name            | California Proposition 65 |
|--------------------------|---------------------------|
| Ethyl Benzene - 100-41-4 | Carcinogen                |

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

| Chemical Name                         | New Jersey | Massachusetts |
|---------------------------------------|------------|---------------|
| Parachlorobenzotrifluoride<br>98-56-6 | X          | -             |
| Acetone<br>67-64-1                    | X          | X             |
| Butyl Acetate<br>123-86-4             | X          | X             |
| Methyl Amyl Ketone<br>110-43-0        | X          | X             |
| Xylene<br>1330-20-7                   | X          | X             |

| Chemical Name                         | Pennsylvania |
|---------------------------------------|--------------|
| Parachlorobenzotrifluoride<br>98-56-6 | X            |
| Acetone<br>67-64-1                    | X            |
| Butyl Acetate<br>123-86-4             | X            |
| Methyl Amyl Ketone<br>110-43-0        | 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**

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 2 | Flammability 3 | Instability 0      | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 2 | Flammability 3 | Physical hazards 0 | Personal protection X              |

Revision Date 18-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

# SAFETY DATA SHEET

Revision Date 04-Aug-2016

Version 10

## 1. IDENTIFICATION

### Product identifier

**Product Name** SEAL & SHINE SLOW ACT

### Other means of identification

**Product Code** BW951B

**UN/ID no.** UN1263

**SKU(s)** BW951B

### 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)

|                           |             |
|---------------------------|-------------|
| Respiratory sensitization | Category 1  |
| Skin sensitization        | Category 1  |
| Germ cell mutagenicity    | Category 1B |
| Carcinogenicity           | Category 1B |
| Flammable liquids         | Category 3  |

### **Emergency Overview**

#### **Danger**

#### **Hazard statements**

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction

May cause genetic defects

May cause cancer

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  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 In case of inadequate ventilation wear respiratory protection  
 Contaminated work clothing should not be allowed out of the workplace  
 Wear protective gloves  
 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 skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing  
 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician  
 In case of fire: Use CO2, 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**

- May be harmful in contact with skin
  - Toxic to aquatic life with long lasting effects
  - Toxic to aquatic life
- 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    | 30 - 60  | *            |
| Polymeric Isocyanate                | 28182-81-2 | 10 - 30  | *            |
| Polymeric IPDI                      | 53880-05-0 | 3 - 7    | *            |
| Methyl Isobutyl Ketone              | 108-10-1   | 3 - 7    | *            |
| Ethylene Glycol Butyl Ether Acetate | 112-07-2   | 1 - 5    | *            |
| Aromatic 100                        | 64742-95-6 | 1 - 5    | *            |
| p-Toluenesulfonyl Isocyanate        | 4083-64-1  | 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**

**General advice** 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. In the case of skin irritation or allergic reactions see a physician. Wash contaminated clothing before reuse.  |
| <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. May cause allergic respiratory reaction. |
| <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** May cause allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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

**Note to physicians** Treat symptomatically. Symptoms may be delayed. May cause sensitization by skin contact. May cause sensitization by inhalation and skin contact.

## 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.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

**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** Incompatible with oxidizing agents. Strong bases. Water. Alcohols. Amines. Copper.

**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>  | -   |
| Methyl Isobutyl Ketone<br>108-10-1              | STEL: 75 ppm<br>TWA: 20 ppm  | TWA: 100 ppm<br>TWA: 410 mg/m <sup>3</sup><br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 205 mg/m <sup>3</sup><br>(vacated) STEL: 75 ppm<br>(vacated) STEL: 300 mg/m <sup>3</sup> | IDLH: 500 ppm<br>TWA: 50 ppm<br>TWA: 205 mg/m <sup>3</sup><br>STEL: 75 ppm<br>STEL: 300 mg/m <sup>3</sup> |
| Ethylene Glycol Butyl Ether Acetate<br>112-07-2 | TWA: 20 ppm                  | -  | TWA: 5 ppm<br>TWA: 33 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** Wear protective gloves and protective clothing.
- Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

**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 |                       |                          |

| <b><u>Property</u></b>               | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |
|--------------------------------------|--------------------------|--------------------------------|
| <b>pH</b>                            | No information available |                                |
| <b>Melting point/freezing point</b>  | No information available |                                |
| <b>Boiling point / boiling range</b> | >= 114 °C / 237 °F       |                                |
| <b>Flash point</b>                   | 32 °C / 90 °F            |                                |
| <b>Evaporation rate</b>              | No information available |                                |
| <b>Flammability (solid, gas)</b>     | No information available |                                |
| <b>Flammability Limit in Air</b>     |                          |                                |
| <b>Upper flammability limit:</b>     | No information available |                                |
| <b>Lower flammability limit:</b>     | No information available |                                |
| <b>Vapor pressure</b>                | No information available |                                |
| <b>Vapor density</b>                 | No information available |                                |
| <b>Specific Gravity</b>              | 1.21                     |                                |
| <b>Water solubility</b>              | No information available |                                |
| <b>Solubility in other solvents</b>  | No information available |                                |
| <b>Partition coefficient</b>         | No information available |                                |
| <b>Autoignition temperature</b>      | No information available |                                |
| <b>Decomposition temperature</b>     | No information available |                                |
| <b>Kinematic viscosity</b>           | No information available |                                |
| <b>Dynamic viscosity</b>             | No information available |                                |
| <b>Explosive properties</b>          | No information available |                                |
| <b>Oxidizing properties</b>          | No information available |                                |

**Other Information**

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Softening point</b>            | No information available |
| <b>Molecular weight</b>           | No information available |
| <b>VOC Content (%)</b>            | No information available |
| <b>Density</b>                    | 10.13 lbs/gal            |
| <b>Bulk density</b>               | No information available |
| <b>Percent solids by weight</b>   | 29.5%                    |
| <b>Percent volatile by weight</b> | 11.0%                    |
| <b>Percent solids by volume</b>   | 30.7%                    |
| <b>Actual VOC (lbs/gal)</b>       | 1.1                      |
| <b>Actual VOC (grams/liter)</b>   | 133                      |
| <b>EPA VOC (lbs/gal)</b>          | 2.4                      |
| <b>EPA VOC (grams/liter)</b>      | 288.1                    |
| <b>EPA VOC (lb/gal solids)</b>    | 3.6                      |

**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**

Incompatible with oxidizing agents. Strong bases. Water. Alcohols. Amines. Copper.

**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>          | May cause sensitization by inhalation.                         |
| <b>Eye contact</b>         | May cause irritation.  |
| <b>Skin Contact</b>        | May cause irritation. May cause sensitization by skin contact. |
| <b>Ingestion</b>           | 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                 |
| Polymeric Isocyanate<br>28182-81-2              | -                    | -                       | = 18500 mg/m <sup>3</sup> ( Rat ) 1 h |
| Polymeric IPDI<br>53880-05-0                    | > 14000 mg/kg (Rat)  | -                       | -                                     |
| Methyl Isobutyl Ketone<br>108-10-1              | = 2080 mg/kg ( Rat ) | = 3000 mg/kg ( Rabbit ) | = 8.2 mg/L ( Rat ) 4 h                |
| Ethylene Glycol Butyl Ether Acetate<br>112-07-2 | = 2400 mg/kg ( Rat ) | = 1480 mg/kg ( Rabbit ) | -                                     |
| Aromatic 100<br>64742-95-6                      | = 8400 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | = 3400 ppm ( Rat ) 4 h                |
| p-Toluenesulfonyl Isocyanate<br>4083-64-1       | = 2234 mg/kg ( Rat ) | -                       | > 640 ppm ( 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** May cause sensitization by inhalation and skin contact.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.

| Chemical Name                                      | ACGIH | IARC     | NTP | OSHA |
|--|-------|----------|-----|------|
| Methyl Isobutyl Ketone<br>108-10-1                 | A3    | Group 2B | -   | X    |
| Ethylene Glycol Butyl Ether<br>Acetate<br>112-07-2 | A3    | -        | -   | -    |

*ACGIH (American Conference of Governmental Industrial Hygienists)  
 A3 - Animal Carcinogen  
 IARC (International Agency for Research on Cancer)  
 Group 2B - Possibly Carcinogenic to Humans  
 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.  
**Chronic toxicity** May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.  
**Target Organ Effects** blood, Central nervous system, Eyes, Hematopoietic System, kidney, liver, 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

29.7% 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 |
| Methyl Isobutyl Ketone<br>108-10-1              | 400: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 496 - 514: 96 h Pimephales promelas mg/L LC50 flow-through | 170: 48 h Daphnia magna mg/L EC50  |
| Ethylene Glycol Butyl Ether Acetate<br>112-07-2 | 500: 72 h Desmodesmus subspicatus mg/L EC50         | -  | 37: 48 h Daphnia magna mg/L EC50   |
| Aromatic 100<br>64742-95-6                      | -   | 9.22: 96 h Oncorhynchus mykiss mg/L LC50                   | 6.14: 48 h Daphnia magna mg/L EC50 |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name                                   | Partition coefficient |
|---|-----------------------|
| Parachlorobenzotrifluoride<br>98-56-6           | 3.7                   |
| Methyl Isobutyl Ketone<br>108-10-1              | 1.19                  |
| Ethylene Glycol Butyl Ether Acetate<br>112-07-2 | 1.51                  |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**US EPA Waste Number** D001 U161

| Chemical Name                      | RCRA | RCRA - Basis for Listing       | RCRA - D Series Wastes | RCRA - U Series Wastes |
|------------------------------------|------|--------------------------------|------------------------|------------------------|
| Methyl Isobutyl Ketone<br>108-10-1 | -    | Included in waste stream: F039 | -                      | U161                   |

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

**14. TRANSPORT INFORMATION**

**DOT**

**UN/ID no.** UN1263  
**Proper shipping name** Paint  
**Hazard Class** 3  
**Packing Group** III  
**Special Provisions** B1, B52, IB3, T2, TP1, TP29

**Description** UN1263, Paint, 3, III,  
**Emergency Response Guide Number** 128

**TDG**

**UN/ID no.** UN1263  
**Proper shipping name** Paint  
**Hazard Class** 3  
**Packing Group** III  
**Description** UN1263, Paint, 3, III

**MEX**

**UN/ID no.** UN1263  
**Proper shipping name** Paint  
**Hazard Class** 3  
**Packing Group** III  
**Description** UN1263, Paint, 3, III

**ICAO (air)**

**UN/ID no.** UN1263  
**Proper shipping name** Paint  
**Hazard Class** 3  
**Packing Group** III  
**Special Provisions** A3, A72  
**Description** UN1263, Paint, 3, III

**IATA**

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

**IMDG**

**UN/ID no.** UN1263  
**Proper shipping name** Paint  
**Hazard Class** 3  
**Packing Group** III  
**EmS-No.** F-E, S-E  
**Special Provisions** 163, 223, 955  
**Description** UN1263, Paint, 3, III

**RID**

**UN/ID no.** UN1263  
**Proper shipping name** Paint  
**Hazard Class** 3  
**Packing Group** III  
**Classification code** F1  
**Description** UN1263, Paint, 3, III

**ADR**

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

**ADN**

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

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies  
**EINECS/ELINCS** Complies  
**ENCS** Does not comply  
**IECSC** Complies  
**KECL** Complies  
**PICCS** Complies  
**AICS** 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 % |
|-------------------------------------|-------------------------------|
| Methyl Isobutyl Ketone              | 1.0                           |
| Ethylene Glycol Butyl Ether Acetate | 1.0                           |

**SARA 311/312 Hazard Categories**

**Acute health hazard** Yes  
**Chronic Health Hazard** No  
**Fire hazard** Yes  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**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)                   |
|------------------------------------|--------------------------|----------------|--|
| Methyl Isobutyl Ketone<br>108-10-1 | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals

| <b>Chemical Name</b>              | <b>California Proposition 65</b> |
|-----------------------------------|----------------------------------|
| Methyl Isobutyl Ketone - 108-10-1 | Carcinogen<br>Developmental      |

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

| <b>Chemical Name</b>                            | <b>New Jersey</b> | <b>Massachusetts</b> |
|---|-------------------|----------------------|
| Parachlorobenzotrifluoride<br>98-56-6           | X                 | -                    |
| Methyl Isobutyl Ketone<br>108-10-1              | X                 | X                    |
| Ethylene Glycol Butyl Ether Acetate<br>112-07-2 | X                 | -                    |
| Butyl Acetate<br>123-86-4                       | X                 | X                    |

| <b>Chemical Name</b>                            | <b>Pennsylvania</b> |
|---|---------------------|
| Parachlorobenzotrifluoride<br>98-56-6           | X                   |
| Methyl Isobutyl Ketone<br>108-10-1              | X                   |
| Ethylene Glycol Butyl Ether Acetate<br>112-07-2 | X                   |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**Hazardous air pollutants (HAPS) content**

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants':

| <b>Chemical Name</b>                            | <b>Weight % of HAPS in Product</b> | <b>Pounds HAPS / Gal Product</b> |
|---|------------------------------------|----------------------------------|
| Methyl Isobutyl Ketone<br>108-10-1              | 5.45%                              | 0.55                             |
| Ethylene Glycol Butyl Ether Acetate<br>112-07-2 | 2.79%                              | 0.28                             |

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

|             |                           |                       |                           |   |
|-------------|---------------------------|-----------------------|---------------------------|---|
| <b>NFPA</b> | <b>Health hazards 2</b>   | <b>Flammability 3</b> | <b>Instability 0</b>      | <b>Physical and Chemical Properties -</b> |
| <b>HMIS</b> | <b>Health hazards 2 *</b> | <b>Flammability 3</b> | <b>Physical hazards 0</b> | <b>Personal protection X</b>              |

*Chronic Hazard Star Legend*                    \* = *Chronic Health Hazard*

**Revision Date**     04-Aug-2016

**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**