



Revision Date: 3/7/2018

## Rust-Oleum Multi Component Product Information Sheet

**982810 SKHP EPOXY-SHELL SAND COLOR KIT 5.67L is a multi component product composed of the following individual chemical components:**

982810A SKHP EPOXY-SHELL SAND COLOR 5.67L PT A

982810B SKHP EPOXY-SHELL SAND COLOR 5.67L PT B

SDSs for each component follow this cover sheet.

### Transportation Information

|   | <u>Domestic (USDOT)</u>                         | <u>International (IMDG)</u>                     | <u>Air (IATA)</u>                                  | <u>TDG (Canada)</u>                                |
|---|---|---|--|--|
| UN Number:                                      | 1760  | 1760  | 1760   | 1760   |
| Proper Shipping Name:                           | Corrosive Liquid, N.O.S.<br>(Isophoronediamine) | Corrosive Liquid, N.O.S.<br>(Isophoronediamine) | Corrosive Liquid,<br>N.O.S.<br>(Isophoronediamine) | Corrosive Liquid,<br>N.O.S.<br>(Isophoronediamine) |
| Hazard Class:                                   | 8   | 8   | 8  | 8  |
| Packing Group:                                  | III   | III   | III  | III  |
| Limited Quantity:                               | Yes   | Yes   | No   | Yes  |
| Finished Good Schedule B Harmonized Tariff Code | 3907.30.0000                                    |   |  |  |

# Safety Data Sheet



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## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | SKHP EPOXY-SHELL SAND COLOR 5.67L PT A   | <b>Revision Date:</b>   | 3/7/2018   |
| <b>Product Identifier:</b>  | 982810A  | <b>Supersedes Date:</b> | 1/26/2017  |
| <b>Product Use/Class:</b>   | High Performance/Epoxy Resin   |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| <b>Preparer:</b>            | Regulatory Department  |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700  |                         |  |

## 2. Hazard Identification

### Classification

### Symbol(s) of Product



### Signal Word

Warning

### GHS HAZARD STATEMENTS

|  |      |  |
|--|------|--|
| Reproductive Toxicity, category 2      | H361 | Suspected of damaging fertility or the unborn child. |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation.                    |
| Skin Irritation, category 2            | H315 | Causes skin irritation.                              |
| Eye Irritation, category 2             | H319 | Causes serious eye irritation.                       |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.                 |

### GHS LABEL PRECAUTIONARY STATEMENTS

|      |  |
|------|--|
| P201 | Obtain special instructions before use.                                    |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

|                |  |
|----------------|--|
| P308+P313      | IF exposed or concerned: Get medical advice/attention.   |
| P405           | Store locked up.   |
| P501           | Dispose of contents/container in accordance with local, regional and national regulations.                                       |
| P261           | Avoid breathing dust/fume/gas/mist/vapors/spray.   |
| P271           | Use only outdoors or in a well-ventilated area.  |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P312           | Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P264           | Wash hands thoroughly after handling.  |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| P321           | For specific treatment see label   |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P272           | Contaminated work clothing should not be allowed out of the workplace.   |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |

**GHS SDS PRECAUTIONARY STATEMENTS**

P363 Wash contaminated clothing before reuse.

### 3. Composition / Information On Ingredients

**HAZARDOUS SUBSTANCES**

| <b><u>Chemical Name</u></b>       | <b><u>CAS-No.</u></b> | <b><u>Wt.%<br/>Range</u></b> | <b><u>GHS Symbols</u></b> | <b><u>GHS Statements</u></b> |
|-----------------------------------|-----------------------|------------------------------|---------------------------|------------------------------|
| Bisphenol A Epoxy Resin           | 25085-99-8            | 50-75                        | GHS07                     | H315-317-319-335             |
| Epichlorohydrin-bisphenol A resin | 25068-38-6            | 10-25                        | GHS07                     | H315-317-319-335             |
| Titanium Dioxide                  | 13463-67-7            | 10-25                        | Not Available             | Not Available                |

|                         |            |         |                   |                  |
|-------------------------|------------|---------|-------------------|------------------|
| Benzyl Alcohol          | 100-51-6   | 10-25   | GHS07             | H302-312-320-332 |
| 4-Nonylphenol, Branched | 84852-15-3 | 2.5-10  | GHS05-GHS07-GHS08 | H302-312-314-361 |
| Carbon Black            | 1333-86-4  | 0.1-1.0 | Not Available     | Not Available    |

#### 4. First-Aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, rinse mouth with water. If feeling unwell, get medical attention.

#### 5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No unusual fire or explosion hazards noted. Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

**Special Fire and Explosion Hazard (Combustible Dust):** No Information

#### 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

#### 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

**STORAGE:** Store in a dry, well ventilated place. Keep container tightly closed when not in use.

**Advice on Safe Handling of Combustible Dust:** No Information

#### 8. Exposure Controls / Personal Protection

| Chemical Name                     | CAS-No.    | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|-----------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Bisphenol A Epoxy Resin           | 25085-99-8 | 55.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Epichlorohydrin-bisphenol A resin | 25068-38-6 | 20.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Titanium Dioxide                  | 13463-67-7 | 15.0                  | 10 mg/m3          | N.E.               | 15 mg/m3     | N.E.                 |
| Benzyl Alcohol                    | 100-51-6   | 15.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| 4-Nonylphenol, Branched           | 84852-15-3 | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Carbon Black                      | 1333-86-4  | 1.0                   | 3 mg/m3           | N.E.               | 3.5 mg/m3    | N.E.                 |

#### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

**Engineering Measures for Combustible Dust:** No Information

## 9. Physical and Chemical Properties

|                                 |                             |  |                |
|---------------------------------|-----------------------------|--|----------------|
| <b>Appearance:</b>              | Liquid                      | <b>Physical State:</b>                         | Liquid         |
| <b>Odor:</b>                    | Solvent Like                | <b>Odor Threshold:</b>                         | N.E.           |
| <b>Relative Density:</b>        | 1.281                       | <b>pH:</b>                                     | Not Determined |
| <b>Freeze Point, °C:</b>        | N.D.                        | <b>Viscosity:</b>                              | N.D.           |
| <b>Solubility in Water:</b>     | Slight                      | <b>Partition Coefficient, n-octanol/water:</b> | N.D.           |
| <b>Decomposition Temp., °C:</b> | N.D.                        | <b>Explosive Limits, vol%:</b>                 | 1.0 - 13.0     |
| <b>Boiling Range, °C:</b>       | 100 - 537                   | <b>Flash Point, °C:</b>                        | 95             |
| <b>Flammability:</b>            | Does not Support Combustion | <b>Auto-ignition Temp., °C:</b>                | N.D.           |
| <b>Evaporation Rate:</b>        | Slower than Ether           | <b>Vapor Pressure:</b>                         | N.D.           |
| <b>Vapor Density:</b>           | Heavier than Air            |  |                |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** No Information

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalies.

**HAZARDOUS DECOMPOSITION:** When heated to decomposition, it emits acrid smoke and irritating fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

## 11. Toxicological Information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Irritating, and may injure eye tissue if not removed promptly.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Low hazard for usual industrial handling or commercial handling by trained personnel.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Substance may be harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010) Contains carbon black. Chronic inflammation, lung fibrosis, and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e., mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black.

Carbon black is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC and is proposed to be listed as A4- "not classified as a human carcinogen" by the American Conference of Governmental Industrial Hygienists. Significant exposure is not anticipated during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of carbon black in the formula.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

**ACUTE TOXICITY VALUES**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u>              | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|-----------------------------------|------------------|--------------------|-------------------|
| 25085-99-8     | Bisphenol A Epoxy Resin           | >5000            | >20000             | >20               |
| 25068-38-6     | Epichlorohydrin-bisphenol A resin | 11400 mg/kg Rat  | >5000              | 25 g/L            |
| 13463-67-7     | Titanium Dioxide                  | >10000 mg/kg Rat | 2500 mg/kg         | N.E.              |
| 100-51-6       | Benzyl Alcohol                    | 1230 mg/kg Rat   | 2000 mg/kg Rabbit  | 11 mg/L Rat       |
| 84852-15-3     | 4-Nonylphenol, Branched           | 1300 mg/kg Rat   | 2000 mg/kg Rabbit  | 25 mg/L           |
| 1333-86-4      | Carbon Black                      | >15400 mg/kg Rat | N.E.               | N.E.              |

N.E. - Not Established

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

## 14. Transport Information

|                              | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|-------------------------|-----------------------------|-------------------|---------------------|
| <b>UN Number:</b>            | N.A.                    | N.A.                        | N.A.              | N.A.                |
| <b>Proper Shipping Name:</b> | Not Regulated           | Not Regulated               | Not Regulated     | Not Regulated       |
| <b>Hazard Class:</b>         | N.A.                    | N.A.                        | N.A.              | N.A.                |
| <b>Packing Group:</b>        | N.A.                    | N.A.                        | N.A.              | N.A.                |
| <b>Limited Quantity:</b>     | No                      | No                          | No                | No                  |

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

No Information

#### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u>    | <u>CAS-No.</u> |
|-------------------------|----------------|
| 4-Nonylphenol, Branched | 84852-15-3     |

#### Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

| <u>Chemical Name</u>    | <u>CAS-No.</u> |
|-------------------------|----------------|
| 4-Nonylphenol, Branched | 84852-15-3     |

No TSCA 12(b) components exist in this product.

**16. Other Information****HMIS RATINGS**

Health: 2\*      Flammability: 1      Physical Hazard: 0      Personal Protection: X

**NFPA RATINGS**

Health: 2      Flammability: 1      Instability: 0

VOLATILE ORGANIC COMPOUNDS, g/L: 0

SDS REVISION DATE: 3/7/2018

**REASON FOR REVISION:** Regulatory Formula Source Changed  
Substance and/or Product Properties Changed in Section(s):  
03 - Composition/Information on Ingredients  
11 - Toxicological Information  
14 - Transport Information  
15 - Regulatory Information  
Substance Regulatory CAS Number Changed  
Substance Hazardous Flag Changed  
Substance Hazard Threshold % Changed  
Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

# Safety Data Sheet



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## 1. Identification

|                             |  |                         |  |
|-----------------------------|--|-------------------------|--|
| <b>Product Name:</b>        | SKHP EPOXY-SHELL SAND COLOR 5.67L PT B   | <b>Revision Date:</b>   | 3/7/2018   |
| <b>Product Identifier:</b>  | 982810B  | <b>Supersedes Date:</b> | New SDS  |
| <b>Product Use/Class:</b>   | Protective Coating   |                         |  |
| <b>Supplier:</b>            | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Corporation<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA |
| <b>Preparer:</b>            | Regulatory Department  |                         |  |
| <b>Emergency Telephone:</b> | 24 Hour Hotline: 847-367-7700  |                         |  |

## 2. Hazard Identification

### Classification

### Symbol(s) of Product



### Signal Word

Danger

### Possible Hazards

1% of the mixture consists of ingredient(s) of unknown acute toxicity.

### GHS HAZARD STATEMENTS

|  |      |  |
|--|------|--|
| Acute Toxicity, Oral, category 4       | H302 | Harmful if swallowed.                    |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.                      |
| Skin Corrosion, category 1B            | H314 | Causes severe skin burns and eye damage. |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.     |

### GHS LABEL PRECAUTIONARY STATEMENTS

|      |  |
|------|--|
| P264 | Wash hands thoroughly after handling.  |
| P501 | Dispose of contents/container in accordance with local, regional and national regulations. |



|                |  |
|----------------|--|
| P301+P312      | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.   |
| P271           | Use only outdoors or in a well-ventilated area.  |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.   |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | If exposed immediately call a POISON CENTER or doctor/physician.   |
| P321           | For specific treatment see label   |
| P405           | Store locked up.   |
| P272           | Contaminated work clothing should not be allowed out of the workplace.   |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.  |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.   |

**GHS SDS PRECAUTIONARY STATEMENTS**

|      |   |
|------|---|
| P270 | Do not eat, drink or smoke when using this product. |
| P363 | Wash contaminated clothing before reuse.            |

### 3. Composition / Information On Ingredients

**HAZARDOUS SUBSTANCES**

| <b><u>Chemical Name</u></b> | <b><u>CAS-No.</u></b> | <b><u>Wt.%<br/>Range</u></b> | <b><u>GHS Symbols</u></b> | <b><u>GHS Statements</u></b> |
|-----------------------------|-----------------------|------------------------------|---------------------------|------------------------------|
| Benzyl Alcohol              | 100-51-6              | 25-50                        | GHS07                     | H302-312-320-332             |
| Isophorone diamine          | 2855-13-2             | 25-50                        | GHS05-GHS07               | H302-314-317                 |
| Salicylic Acid              | 69-72-7               | 1.0-2.5                      | GHS06                     | H302-330                     |

#### 4. First-Aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, rinse mouth with water. If feeling unwell, get medical attention.

#### 5. Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No unusual fire or explosion hazards noted. Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

**Special Fire and Explosion Hazard (Combustible Dust):** No Information

#### 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

#### 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

**STORAGE:** Store in a dry, well ventilated place. Keep container tightly closed when not in use.

**Advice on Safe Handling of Combustible Dust:** No Information

#### 8. Exposure Controls / Personal Protection

| Chemical Name      | CAS-No.   | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|--------------------|-----------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Benzyl Alcohol     | 100-51-6  | 45.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Isophorone diamine | 2855-13-2 | 40.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Salicylic Acid     | 69-72-7   | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |

##### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

**Engineering Measures for Combustible Dust:** No Information

## 9. Physical and Chemical Properties

|                                 |                             |  |             |
|---------------------------------|-----------------------------|--|-------------|
| <b>Appearance:</b>              | Liquid                      | <b>Physical State:</b>                         | Liquid      |
| <b>Odor:</b>                    | Solvent Like                | <b>Odor Threshold:</b>                         | N.E.        |
| <b>Relative Density:</b>        | 1.040                       | <b>pH:</b>                                     | N.A.        |
| <b>Freeze Point, °C:</b>        | N.D.                        | <b>Viscosity:</b>                              | N.D.        |
| <b>Solubility in Water:</b>     | Slight                      | <b>Partition Coefficient, n-octanol/water:</b> | N.D.        |
| <b>Decomposition Temp., °C:</b> | N.D.                        | <b>Explosive Limits, vol%:</b>                 | N.A. - N.A. |
| <b>Boiling Range, °C:</b>       | 205 - 205                   | <b>Flash Point, °C:</b>                        | 101         |
| <b>Flammability:</b>            | Does not Support Combustion | <b>Auto-ignition Temp., °C:</b>                | N.D.        |
| <b>Evaporation Rate:</b>        | Slower than Ether           | <b>Vapor Pressure:</b>                         | N.D.        |
| <b>Vapor Density:</b>           | Heavier than Air            |  |             |

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** No Information

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalies.

**HAZARDOUS DECOMPOSITION:** When heated to decomposition, it emits acrid smoke and irritating fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

## 11. Toxicological Information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Irritating, and may injure eye tissue if not removed promptly.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Low hazard for usual industrial handling or commercial handling by trained personnel.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Substance may be harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

### ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|----------------------|------------------|--------------------|-------------------|
| 100-51-6       | Benzyl Alcohol       | 1230 mg/kg Rat   | 2000 mg/kg Rabbit  | 11 mg/L Rat       |
| 2855-13-2      | Isophorone diamine   | 1030 mg/kg Rat   | > 2,000 mg/kg Rat  | 25 mg/L           |
| 69-72-7        | Salicylic Acid       | 891 mg/kg Rat    | >2000 mg/kg Rat    | >.9 mg/L Rat      |

N.E. - Not Established

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

## 14. Transport Information

|                       | <u>Domestic (USDOT)</u>                         | <u>International (IMDG)</u>                     | <u>Air (IATA)</u>                                  | <u>TDG (Canada)</u>                                |
|-----------------------|---|---|--|--|
| UN Number:            | 1760  | 1760  | 1760   | 1760   |
| Proper Shipping Name: | Corrosive Liquid, N.O.S.<br>(Isophoronediamine) | Corrosive Liquid, N.O.S.<br>(Isophoronediamine) | Corrosive Liquid,<br>N.O.S.<br>(Isophoronediamine) | Corrosive Liquid,<br>N.O.S.<br>(Isophoronediamine) |
| Hazard Class:         | 8   | 8   | 8  | 8  |
| Packing Group:        | III   | III   | III  | III  |
| Limited Quantity:     | Yes   | Yes   | No   | Yes  |

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

No Information

#### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

## 16. Other Information

### HMIS RATINGS

Health: 2\*    Flammability: 1    Physical Hazard: 0    Personal Protection: X

### NFPA RATINGS

Health: 2    Flammability: 1    Instability: 0

VOLATILE ORGANIC COMPOUNDS, g/L: 0

SDS REVISION DATE: 3/7/2018

### REASON FOR REVISION:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.