



Revision Date: 3/29/2021

## Seal Krete High Performance Floor Coating Systems Multi Component Product Information Sheet

**SK224001 SKHP DURASHELL CLEAR MATTE 2PART KIT 1GL is a multi component product composed of the following individual chemical components:**

|           |                                       |
|-----------|---------------------------------------|
| B75920    | DISPERSION SKHP DURASHELL CLEAR MATTE |
| SK226001B | DURASHELL ACTIVATOR                   |

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> |
|--|-------------------------|-----------------------------|-------------------|---------------------|
| <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                  |
| <b>Finished Good Schedule B Harmonized Tariff Code</b> | 3907.30.0000            |                             |                   |                     |

# Safety Data Sheet



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## 1. Identification

**Product Name:** DISPERSION SKHP DURASHELL CLEAR MATTE  
**Revision Date:** 3/29/2021

**Product Identifier:** B75920  
**Supercedes Date:** 4/10/2020

**Recommended Use:** Floor coating

**Supplier:** Rust-Oleum Corporation  
 11 Hawthorn Parkway  
 Vernon Hills, IL 60061  
 USA  
**Manufacturer:** Rust-Oleum Corporation  
 11 Hawthorn Parkway  
 Vernon Hills, IL 60061  
 USA

**Preparer:** Regulatory Department

**Emergency Telephone:** 24 Hour Hotline: 847-367-7700

## 2. Hazards Identification

### Classification

#### Symbol(s) of Product

No symbol is required per 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### Signal Word

No Signal Word has been assigned.

#### Possible Hazards

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

## 3. Composition / Information on Ingredients

### HAZARDOUS SUBSTANCES

| <u>Chemical Name</u>               | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|------------------------------------|----------------|-------------------|--------------------|-----------------------|
| Dipropylene Glycol Monobutyl Ether | 29911-28-2     | 1.0-2.5           | Not Available      | Not Available         |
| Ammonia (anhydrous)                | 7664-41-7      | 0.1-1.0           | GHS04-GHS05-GHS06  | H280-302-314-331      |

## 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. Remove contact lenses, if present and easy to do. Continue rinsing.

**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, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. 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:** Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

**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 |
|------------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Dipropylene Glycol Monobutyl Ether | 29911-28-2 | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Ammonia (anhydrous)                | 7664-41-7  | 1.0                   | 25 ppm            | 35 ppm             | 50 ppm       | 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:** Wear an approved (or equivalent) full-facepiece airline respirator according to AS/NZS 1715-2009 and AS/NZS 1716-2012 in the positive pressure mode with emergency escape provisions. An approved air purifying respirator with organic vapor cartridge or canister according to AS/NZS 1715-2009 and AS/NZS 1716-2012 may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. A respiratory protection program that meets AS/NZS 1715-2009 and AS/NZS 1716-2012 requirements must be followed whenever workplace conditions warrant a respirator's use. Users of this product in industrial/OEM applications must use one of the following forms of respiratory protection:

- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant supplied-air respirator operated in pressure demand or continuous flow mode and equipped with a tight fitting facepiece
- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges
- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant powered air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges.

**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.

Not Yet Specified

**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>Specific Gravity:</b>        | 1.075                       | <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/<br/>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>       | 98 - 230                    | <b>Flash Point, °C:</b>                             | 100         |
| <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:** Avoid excess heat. Keep from freezing.

**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. Routine handling and application does not require use of respiratory protection; however, if air monitoring demonstrates vapor, mist, or dust levels above applicable limits, wear an appropriate, properly fitted respirator (meets AS/NZS 1715-2009 and AS/NZS 1716-2012 requirements) during handling and application. Follow respirator manufacturer's directions for respirator use.

**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> |
|----------------|------------------------------------|------------------|--------------------|-------------------|
| 29911-28-2     | Dipropylene Glycol Monobutyl Ether | N.E.             | N.E.               | 25                |
| 7664-41-7      | Ammonia (anhydrous)                | 350 mg/kg Rat    | N.E.               | N.E.              |

N.E. - Not Established

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components. No ecotoxicity data was found for this product.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances.

## 14. Transport Information

|                       | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|-----------------------|-------------------------|-----------------------------|-------------------|---------------------|
| UN Number:            | N.A.                    | N.A.                        | N.A.              | N.A.                |
| Proper Shipping Name: | Not Regulated           | Not Regulated               | Not Regulated     | Not Regulated       |
| Hazard Class:         | N.A.                    | N.A.                        | N.A.              | N.A.                |
| Packing Group:        | N.A.                    | N.A.                        | N.A.              | N.A.                |
| Limited Quantity:     | 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:

None Known

#### 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.

### U.S. State Regulations:

#### California Proposition 65

**WARNING:** No Prop. 65 warning is required.

## 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: 48 g/L

SDS REVISION DATE: 3/29/2021

REASON FOR REVISION: Substance and/or Product Properties Changed in Section(s):  
01 - Identification  
11 - Toxicological Information  
Revision Statement(s) Changed

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

Not Yet Specified

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>        | DURASHELL ACTIVATOR  | <b>Revision Date:</b>   | 3/29/2021  |
| <b>Product Identifier:</b>  | SK226001B  | <b>Supersedes Date:</b> | 1/7/2020   |
| <b>Recommended Use:</b>     | Floor coating Activator  |                         |  |
| <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. Hazards Identification

### Classification

#### Symbol(s) of Product



#### Signal Word

Danger

#### Possible Hazards

99% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS HAZARD STATEMENTS

|  |      |  |
|--|------|--|
| Acute Toxicity, Oral, category 4       | H302 | Harmful if swallowed.  |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.                                       |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.  |
| Respiratory Sensitizer, category 1     | H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| STOT, Single Exposure, category 3, RTI | H335 | May cause respiratory irritation.  |

#### GHS LABEL PRECAUTIONARY STATEMENTS

|      |  |
|------|--|
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray.   |
| P264 | Wash hands thoroughly after handling.  |
| P271 | Use only outdoors or in a well-ventilated area.  |
| P272 | Contaminated work clothing should not be allowed out of the workplace.                     |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection.                 |
| P285 | In case of inadequate ventilation wear respiratory protection.                             |
| P321 | For specific treatment see label.  |
| P330 | Rinse mouth.   |
| P405 | Store locked up.   |
| P501 | Dispose of contents/container in accordance with local, regional and national regulations. |

Not Yet Specified

|           |   |
|-----------|---|
| P301+P312 | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.      |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water.                                 |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing.      |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention.                |
| P342+P311 | If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed.                |

**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**

| <u>Chemical Name</u>   | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u>        |
|--|----------------|-------------------|--------------------|------------------------------|
| Hexamethylene diisocyanate homopolymer                                   | 28182-81-2     | 75-100            | GHS07-GHS08        | H317-332-334-335             |
| Hydrophilic Aliphatic Polyisocyanate based on Hexamethylene Diisocyanate | 666723-27-9    | 10-25             | Not Available      | Not Available                |
| N,N-Dimethylcyclohexylamine  | 98-94-2        | 1.0-2.5           | GHS06              | H301-330                     |
| Hexamethylene Diisocyanate   | 822-06-0       | 0.1-1.0           | GHS06-GHS07-GHS08  | H302-315-317-319-330-334-335 |

**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. Remove contact lenses, if present and easy to do. Continue rinsing.

**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, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. 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:** Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

**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 |
|--|-------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Hexamethylene diisocyanate homopolymer                                   | 28182-81-2  | 80.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Hydrophilic Aliphatic Polyisocyanate based on Hexamethylene Diisocyanate | 666723-27-9 | 20.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| N,N-Dimethylcyclohexylamine  | 98-94-2     | 1.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Hexamethylene Diisocyanate   | 822-06-0    | 1.0                   | 0.005 ppm         | 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:** Wear an approved (or equivalent) full-facepiece airline respirator according to AS/NZS 1715-2009 and AS/NZS 1716-2012 in the positive pressure mode with emergency escape provisions. An approved air purifying respirator with organic vapor cartridge or canister according to AS/NZS 1715-2009 and AS/NZS 1716-2012 may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. A respiratory protection program that meets AS/NZS 1715-2009 and AS/NZS 1716-2012 requirements must be followed whenever workplace conditions warrant a respirator's use. Users of this product in industrial/OEM applications must use one of the following forms of respiratory protection:

- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant supplied-air respirator operated in pressure demand or continuous flow mode and equipped with a tight fitting facepiece
- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges
- AS/NZS 1715-2009 and AS/NZS 1716-2012 compliant powered air-purifying respirator equipped with a full facepiece and organic gas/vapor cartridges.

**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>Specific Gravity:</b>        | 1.150                       | <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/<br/>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>       | -18 - -18                   | <b>Flash Point, °C:</b>                             | 94          |
| <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

Not Yet Specified

**Conditions to Avoid:** Avoid excess heat. Keep from freezing.

**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:** Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. 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. High vapor concentrations are irritating to the eyes, nose, throat and lungs. May cause allergic respiratory reaction. Routine handling and application does not require use of respiratory protection; however, if air monitoring demonstrates vapor, mist, or dust levels above applicable limits, wear an appropriate, properly fitted respirator (meets AS/NZS 1715-2009 and AS/NZS 1716-2012 requirements) during handling and application. Follow respirator manufacturer's directions for respirator use.

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

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Overexposure may cause lung damage.

**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> |
|----------------|--|------------------|--------------------|-------------------|
| 28182-81-2     | Hexamethylene diisocyanate homopolymer | N.E.             | >2000 mg/kg Rat    | 18.5 mg/L Rat     |
| 98-94-2        | N,N-Dimethylcyclohexylamine            | 272 mg/kg Rat    | N.E.               | 1.9 mg/L Rat      |
| 822-06-0       | Hexamethylene Diisocyanate             | 738 mg/kg Rat    | >7000 mg/kg Rat    | 0.06 mg/L Rat     |

N.E. - Not Established

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components. No ecotoxicity data was found for this product.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances.

## 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**

Not Yet Specified

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:

Acute Toxicity (any route of exposure), Respiratory or Skin Sensitization, Specific target organ toxicity (single or repeated exposure)

### 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> |
|----------------------------|----------------|
| Hexamethylene Diisocyanate | 822-06-0       |

### 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.

### U.S. State Regulations:

#### California Proposition 65

**WARNING:** No Prop. 65 warning is required.

## 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: 0 g/L

SDS REVISION DATE: 3/29/2021

REASON FOR REVISION: Substance and/or Product Properties Changed in Section(s):  
03 - Composition / Information on Ingredients  
11 - Toxicological Information  
Revision Statement(s) Changed

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

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.