



Revision Date: 9/25/2025

## Citadel Flooring Multi Component Product Information Sheet

**390077 CIT POLY350 SUMMER CLEAR 3GAL KIT is a multi component product composed of the following individual chemical components:**

390044B SUMMER CLEAR PART B  
80001 POLYUREA BASECOAT PART A

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:                                      | 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                  |
| Finished Good Schedule B Harmonized Tariff Code | 3913.90.8000            |                             |                   |                     |

# Safety Data Sheet

[www.toughandeasyfloors.com](http://www.toughandeasyfloors.com)

## 1. Identification

**Name on Label:** No Information

**Product Name:** SUMMER CLEAR PART B **Revision Date:** 8/21/2023

**Product Identifier:** 390044B **Supersedes Date:** New SDS

**Recommended Use:** Industrial Floor Coating

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

**Preparer:** Regulatory Department

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

## 2. Hazard Identification

### Classification

#### Symbol(s) of Product

No symbol is required per 2024 OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### Signal Word

No Signal Word has been assigned.

#### Possible Hazards

91% 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. %<br/>Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---------------------------------------|----------------|------------------------|--------------------|-----------------------|
| Castor Oil                            | 8001-79-4      | 80-100                 | Not Available      | Not Available         |
| 1-Chloro-4-(Trifluoromethyl)Benzene   | 98-56-6        | 1.0-5.0                | GHS07              | H315-319-332-335      |
| Tetrahydroxypropyl Ethylenediamine    | 102-60-3       | 1.0-5.0                | Not Available      | Not Available         |
| Zeolite                               | 1318-02-1      | 1.0-5.0                | GHS07              | H332                  |
| 3-(Glycidyloxypropyl)trimethoxysilane | 2530-83-8      | 0.1-1.0                | Not Available      | Not Available         |

Actual concentrations of ingredients are withheld as trade secret.

## 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:** Aqueous 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 Fire Fighting 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 |
|-------------------------------------------|-----------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Castor Oil                                | 8001-79-4 | 90.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| 1-Chloro-4-(Trifluoromethyl)<br>Benzene   | 98-56-6   | 5.0                   | 2.5 mg/m3         | N.E.               | 2.5 mg/m3    | N.E.                 |
| Tetrahydroxypropyl<br>Ethylenediamine     | 102-60-3  | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| Zeolite                                   | 1318-02-1 | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |
| 3-(Glycidyloxypropyl)<br>trimethoxysilane | 2530-83-8 | 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>Physical State</b>                     | Liquid                      | <b>Decomposition Temperature, °C</b>          | N.D.              |
| <b>Color</b>                              | No Information              | <b>pH</b>                                     | N.A.              |
| <b>Odor</b>                               | Solvent Like                | <b>Kinematic Viscosity</b>                    | N.D.              |
| <b>Odor Threshold</b>                     | N.E.                        | <b>Solubility in Water</b>                    | Slight            |
| <b>Freezing Point / Melting Point, °C</b> | N.D.                        | <b>Partition Coefficient, n-octanol/water</b> | N.D.              |
| <b>Boiling Range, °C</b>                  | 136 - 537                   | <b>Vapor Pressure</b>                         | N.D.              |
| <b>Flammability</b>                       | Does not Support Combustion | <b>Evaporation Rate</b>                       | Slower than Ether |
| <b>Lower Explosion Limit, vol%</b>        | 0.9                         | <b>Specific Gravity</b>                       | 0.968             |
| <b>Upper Explosion Limit, vol%</b>        | 10.5                        | <b>Vapor Density</b>                          | Heavier than Air  |
| <b>Flash Point, °C</b>                    | 94                          |                                               |                   |
| <b>Auto-Ignition Temperature, °C</b>      | N.D.                        | <b>Particle Characteristics</b>               | No Information    |

(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.

**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> |
|----------------|---------------------------------------|------------------|--------------------|-------------------|
| 98-56-6        | 1-Chloro-4-(Trifluoromethyl)Benzene   | 13000 mg/kg Rat  | >3300 mg/kg Rabbit | 33 mg/L Rat       |
| 102-60-3       | Tetrahydroxypropyl Ethylenediamine    | 11200 mg/kg Rat  | >2000 mg/kg Rat    | 25                |
| 1318-02-1      | Zeolite                               | >5110 mg/kg Rat  | >2000 mg/kg Rabbit | N.E.              |
| 2530-83-8      | 3-(Glycidyloxypropyl)trimethoxysilane | 7010 mg/kg Rat   | 4252 mg/kg Rabbit  | 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 Considerations**

**Disposal:** 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.

**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: 37 g/L

SDS REVISION DATE: 8/21/2023

REASON FOR REVISION:

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

Rust-Oleum Industrial Flooring 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. Rust-Oleum Industrial Flooring 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>Name on Label:</b>       | No Information                                                                         |                         |                                                                                        |
| <b>Product Name:</b>        | POLYUREA BASECOAT PART A                                                               | <b>Revision Date:</b>   | 7/27/2023                                                                              |
| <b>Product Identifier:</b>  | 80001                                                                                  | <b>Supersedes Date:</b> | New SDS                                                                                |
| <b>Recommended Use:</b>     | Industrial Flooring                                                                    |                         |                                                                                        |
| <b>Supplier:</b>            | Rust-Oleum Industrial Flooring<br>11 Hawthorn Parkway<br>Vernon Hills, IL 60061<br>USA | <b>Manufacturer:</b>    | Rust-Oleum Industrial Flooring<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

55% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### GHS Hazard Statements

|                                        |      |                                                                            |
|----------------------------------------|------|----------------------------------------------------------------------------|
| Skin Irritation, category 2            | H315 | Causes skin irritation.                                                    |
| Skin Sensitizer, category 1            | H317 | May cause an allergic skin reaction.                                       |
| Eye Irritation, category 2A            | H319 | Causes serious eye irritation.                                             |
| 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.                                          |
| Carcinogenicity, category 2            | H351 | Suspected of causing cancer.                                               |
| STOT, Repeated Exposure, category 2    | H373 | May cause damage to organs.                                                |

#### GHS Label Precautionary Statements

|      |                                                   |
|------|---------------------------------------------------|
| P201 | Obtain special instructions before use.           |
| P260 | Do not breathe dust/fumes/gas/mist/vapours/spray. |
| P264 | Wash 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.                                                 |
| P284           | [In case of inadequate ventilation] wear respiratory protection.                                                                 |
| 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.                                                       |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.                                                                           |
| P317           | Get medical help.                                                                                                                |
| P319           | Get medical help if you feel unwell.                                                                                             |
| P321           | Specific treatment (see notice on this label).                                                                                   |
| P332+P317      | If skin irritation occurs: Get medical help.                                                                                     |
| P333+P317      | If skin irritation or rash occurs: Get medical help.                                                                             |
| P337+P317      | If eye irritation persists: Get medical help.                                                                                    |
| P342+P316      | If experiencing respiratory symptoms: Get emergency medical help immediately.                                                    |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                         |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                                                 |
| P405           | Store locked up.                                                                                                                 |
| P501           | Dispose of contents and container in accordance with local, regional and national regulations.                                   |

### 3. Composition / Information on Ingredients

#### HAZARDOUS SUBSTANCES

| <u>Chemical Name</u>                                                               | <u>CAS-No.</u> | <u>Wt.%<br/>Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u>            |
|------------------------------------------------------------------------------------|----------------|-----------------------|--------------------|----------------------------------|
| 4,4'-Diphenylmethane Diisocyanate (MDI)                                            | 101-68-8       | 45-70                 | GHS07-GHS08        | H315-317-319-332-334-335-351-373 |
| 1,2-Propanediol, 1,3-Butanediol, Tripropylene Glycol, Diphenylmethane Diisocyanate | 70644-57-4     | 15-40                 | Not Available      | Not Available                    |
| Benzene, 1,1'-Methylenebis[4-Isocyanato-, Homopolymer                              | 25686-28-6     | 10-30                 | Not Available      | Not Available                    |
| Butylated Hydroxytoluene                                                           | 128-37-0       | 0.5-1.5               | GHS07              | H302                             |

Actual concentrations of ingredients are withheld as trade secret.

### 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:** Dry Chemical, Dry Sand

**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 Fire Fighting 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 |
|------------------------------------------------------------------------------------|------------|-----------------------|-------------------|--------------------|--------------|----------------------|
| 4,4'-Diphenylmethane Diisocyanate (MDI)                                            | 101-68-8   | 50.0                  | 0.005 ppm         | N.E.               | N.E.         | 0.02 ppm             |
| 1,2-Propanediol, 1,3-Butanediol, Tripropylene Glycol, Diphenylmethane Diisocyanate | 70644-57-4 | 40.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Benzene, 1,1'-Methylenebis[4-Isocyanato-, Homopolymer                              | 25686-28-6 | 20.0                  | N.E.              | N.E.               | N.E.         | N.E.                 |
| Butylated Hydroxytoluene                                                           | 128-37-0   | 1.0                   | 2 mg/m3           | 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

|                                    |                             |                                        |                   |
|------------------------------------|-----------------------------|----------------------------------------|-------------------|
| Physical State                     | Liquid                      | Decomposition Temperature, °C          | N.D.              |
| Color                              | No Information              | pH                                     | N.A.              |
| Odor                               | Solvent Like                | Kinematic Viscosity                    | N.D.              |
| Odor Threshold                     | N.E.                        | Solubility in Water                    | Slight            |
| Freezing Point / Melting Point, °C | N.D.                        | Partition Coefficient, n-octanol/water | N.D.              |
| Boiling Range, °C                  | 300 - 300                   | Vapor Pressure                         | N.D.              |
| Flammability                       | Does not Support Combustion | Evaporation Rate                       | Slower than Ether |
| Lower Explosion Limit, vol%        | N.A.                        | Specific Gravity                       | 1.233             |
| Upper Explosion Limit, vol%        | N.A.                        | Vapor Density                          | Heavier than Air  |
| Flash Point, °C                    | 210                         | Particle Characteristics               | No Information    |
| Auto-Ignition Temperature, °C      | N.D.                        |                                        |                   |

(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:** 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. May cause allergic respiratory reaction.

**Effects of Overexposure - Ingestion:** Substance may be harmful if swallowed.

**Effects of Overexposure - Chronic Hazards:** Individuals with lung or breathing problems or prior reaction to isocyanates must not be exposed to vapor or spray mist. Vapor and spray mist harmful. Overexposure may cause lung damage. May cause allergic skin and respiratory reaction, effects may be permanent.

**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:

| CAS-No.  | Chemical Name                           | Oral LD50       | Dermal LD50     | Vapor LC50 |
|----------|-----------------------------------------|-----------------|-----------------|------------|
| 101-68-8 | 4,4'-Diphenylmethane Diisocyanate (MDI) | 31600 mg/kg Rat | N.E.            | N.E.       |
| 128-37-0 | Butylated Hydroxytoluene                | 890 mg/kg Rat   | >2000 mg/kg Rat | 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 Considerations

**Disposal:** 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:

Carcinogenicity, Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, 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> |
|-----------------------------------------|----------------|
| 4,4'-Diphenylmethane Diisocyanate (MDI) | 101-68-8       |

#### 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: 0 g/L

SDS REVISION DATE: 7/27/2023

REASON FOR REVISION:

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

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