

**Section 1 Identification**

**Product identifiers**

Product name: Repro® Slow Part A

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Fast-Cast Urethane Polyol

**Details of the supplier of the safety data sheet**

Freeman Manufacturing and Supply Company  
 1101 Moore Road, Avon, OH 44011  
 Phone (440) 934-1902  
 FAX (440) 934-7200

| HMIS   |   |
|--------|---|
| H      | 1 |
| F      | 2 |
| R      | 0 |
| PPE    |   |
| Sec. 8 |   |

**24 Hour emergency telephone number: CHEMTREC (800) 424-9300**

**Section 2 Hazard Identification**

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

Eye irritation, Category 2A  
 Flammable liquid, Category 4

**GHS Label elements, including precautionary statements**

Hazard pictograms



Signal word

Warning

**Hazard statements**

Causes eye irritation.  
 Combustible liquid.

**Precautionary statements**

Prevention

- Do not breath mist, vapors or spray.
- Wear protective gloves/eye protection/face protection.
- Wash skin thoroughly after handling.
- Keep away from heat/sparks/open flames/hot surfaces.
- Do not eat, drink or smoke when using this product.

Response

- If on skin: Remove contaminated clothing. Wash thoroughly soap and water.
- If skin irritation or rash occurs get medical attention.
- If in eyes: Rinse continuously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Storage

Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Disposal

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

**Section 2 Hazard Identification** continued

**Hazards not otherwise classified (HNOC) or not covered by GHS**  
 None known

**Section 3 Composition/Information on Ingredients**

| Ingredient                                 | CAS Number   | Concentration (%) |
|--|--|-------------------|
| Polyether polyols                          | Proprietary mixture of<br>67800-94-6, 25214-63-5,<br>9051-49-4 | 10 - 45           |
| Distillates (petroleum) hydrotreated light | 64742-47-8   | 1 - 5             |
| 1,2,4-Trimethylbenzene                     | 95-63-6  | 1 - 5             |
| Cumene                                     | 98-82-8  | 0.1 - 0.50        |
| N-Methylpyrrolidone                        | 872-50-4   | 0 - 0.10          |

**Section 4 First Aid Measures**

**If inhaled**

Move person into fresh air. If not breathing, give artificial respiration. Get medical attention if irritation develops.

**In case of skin contact**

Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing and shoes before reuse.

**In case of eye contact**

Flush eyes with water for at least 15 minutes. Get medical attention immediately.

**If swallowed**

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms appear.

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

**Eye contact:** Causes eye irritation.

**Inhalation:** May cause irritation

**Skin contact:** Causes skin irritation

**Ingestion:** May cause irritation of the gastrointestinal tract.

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

**Inhalation:** No specific data

**Ingestion:** No specific data.

**Skin contact:** Irritation, redness

**Eye contact:** Pain or irritation, watering, redness

**Notes to physician:** Symptomatic treatment and supportive therapy as indicated.

**Section 5 Fire-Fighting Measures**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

High volume water jet

**Section 5 Fire-Fighting Measures** continued

**Special hazards arising from the substance or mixture**

Fire or high heat may produce hazardous decomposition products: carbon dioxide, carbon monoxide, and other aliphatic fragments which have not been determined.

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors, or mist. For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Use an inert absorbent (e.g. sand, silica gel, sawdust, universal binder).  
 Sweep up or shovel into a suitable containers for disposal.

**Section 7 Handling and Storage**

**Precautions for safe handling**

Use normal precautions when handling combustible materials. Do not breathe fumes or vapor.  
 Do not allow material to contact skin. Provide appropriate exhaust ventilation.

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

Store at ambient temperatures in closed containers. Do not heat this material above the flash point. Incompatible with acids, and oxidizing agents.

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

| Component                                  | Value | Control parameters    | Source  |
|--|-------|-----------------------|---------|
| Polyether polyols                          | TWA   | 20 ppm                | ACGIH   |
| Distillates (petroleum) hydrotreated light | TWA   | 200 mg/m <sup>3</sup> | ACGIH   |
| 1,2,4-Trimethylbenzene                     | TWA   | 25 ppm                | ACGIH   |
| Cumene                                     | TWA   | 50 ppm                | ACGIH   |
| N-Methylpyrrolidone                        | TWA   | 10 ppm                | US WEEL |

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

**Individual protection measures**

**Eye/face protection**

Safety glasses equipped with side shields or goggles.

**Section 8 Exposure Controls/Personal Protection continued**

**Hand protection**

Chemical-resistant, impervious gloves. Consult glove manufacturer for suitability.  
 Contaminated gloves should be replaced.

**Body protection**

Prevent skin contact when handling material.

**Respiratory protection**

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

**Safety stations**

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**General hygienic practices**

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

**Section 9 Physical and Chemical Properties**

|  |  |
|--|--|
| <b>Appearance</b>                          | Opaque tan liquid                          |
| <b>Odor</b>                                | Mild, of polyol                            |
| <b>Odor threshold</b>                      | No data available                          |
| <b>pH</b>                                  | No data available                          |
| <b>Melting or freezing point</b>           | No data available                          |
| <b>Initial boiling point/boiling range</b> | No data available                          |
| <b>Flash point (COC)</b>                   | 66°C (150°F)                               |
| <b>Evaporation rate</b>                    | No data available                          |
| <b>Flammability (solid, gas)</b>           | No data available                          |
| <b>Upper/lower flammability limits</b>     | No data available                          |
| <b>Vapor pressure</b>                      | No data available                          |
| <b>Vapor density</b>                       | No data available                          |
| <b>Relative density (g/cc)</b>             | 1.9  |
| <b>Water solubility</b>                    | Slight                                     |
| <b>Coefficient: n-octanol/water</b>        | No data available                          |
| <b>Auto-ignition temperature</b>           | No data available                          |
| <b>Decomposition temperature</b>           | No data available                          |
| <b>Viscosity</b>                           | Approximately 2,000 cP at room temperature |
| <b>VOC Content</b>                         | 1.15 lb/gal.                               |
| <b>% Volatile</b>                          | 5-10%                                      |

**Section 10 Stability and Reactivity**

**Reactivity**

No dangerous reaction known under conditions of normal use

**Chemical stability**

Stable under recommended storage conditions

**Section 10 Stability and Reactivity continued**

**Possibility of hazardous reactions**

None known

**Conditions to avoid**

Heat and open flames

**Incompatible materials**

Water, alcohols, amines, bases, acids, and oxidizing agents

**Hazardous decomposition products**

Thermal oxidative decomposition can produce carbon monoxide, carbon dioxide, and other aliphatic fragments which have not been determined

**Section 11 Toxicological Information**

**Information on toxicological effects**

|  |   |
|--|---|
| <b>Acute oral toxicity</b>               | LD50, Rat >2,000 mg/kg (Polyether polyol)   |
| <b>Acute inhalation toxicity</b>         | No data available   |
| <b>Acute dermal toxicity</b>             | LD50, Rat >2,000 mg/kg (Polyether polyol)   |
| <b>Skin corrosion/irritation</b>         | Mild skin irritant  |
| <b>Serious eye damage/eye irritation</b> | Moderate eye irritant   |
| <b>Respiratory or skin sensitization</b> | No data available   |
| <b>Germ cell mutagenicity</b>            | Not expected to be mutagenic in humans.   |
| <b>Carcinogenicity</b>                   |   |
| <b>IARC</b>                              | Cumene: 2B. Possibly carcinogenic to humans   |
| <b>NTP</b>                               | Cumene: Reasonably anticipated to be a human carcinogen   |
| <b>OSHA</b>                              | No components of this product present at levels greater than or equal to 0.1% are identified as a carcinogen or potential carcinogen. |
| <b>Reproductive toxicity</b>             | Not expected to be a hazard   |
| <b>Specific target organ toxicity</b>    |   |
| <b>Single exposure</b>                   | None expected   |
| <b>Specific target organ toxicity</b>    |   |
| <b>Repeated exposure</b>                 | None expected   |
| <b>Aspiration toxicity</b>               | Not expected to be a hazard   |

**Section 12 Ecological Information**

**Ecotoxicity**

|                              |  |
|------------------------------|--|
| <b>Product:</b>              | No data available  |
| <b>Specified substances:</b> |  |
| Polyether polyol             | LC 50 (Fathead minnow (Pimephales promelas), 96 h):<br>>1,000 mg/L |

**Persistence and degradability**

|                              |  |
|------------------------------|--|
| <b>Product:</b>              | No data available                                  |
| <b>Specified substances:</b> |  |
| Polyether Polyol             | Biodegradation, aerobic, <50%, Exposure time: 28 d |

**Bioaccumulative potential**

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Product:</b>              | No data available                   |
| <b>Specified substances:</b> |                                     |
| Polyether Polyol             | Does not significantly biaccumulate |

**Section 12 Ecological Information** continued

**Mobility in soil**

**Product:** No data available  
**Specified substances:**  
 Polyether Polyol Adsorption to solid soil phase is not expected

**Section 13 Disposal Considerations**

Do not dispose of waste into sewer. Do not contaminate waterways. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

**Section 14 Transport Information**


**DOT Proper Shipping Name:** Liquid Resin N.O.I Not Regulated  
**TDG Proper Shipping Name:** Liquid Resin N.O.I Not Regulated  
**IMDG Proper Shipping Name:** Liquid Resin N.O.I Not Regulated  
**IATA Proper Shipping Name:** Liquid Resin N.O.I Not Regulated

**Section 15 Regulatory Information**

**US Federal Regulations**

Toxic Substance Control Act: All ingredients listed on TSCA Inventory.  
 CERCLA Reportable Quantity (RQ): Cumene (5,000 lb.)  
 SARA Sec 302 Extremely Hazardous Substances: None present in regulated quantities.  
 SARA Sec. 311/312 Codes: Acute Health Hazard  
 SARA Sec. 313 Toxic Chemicals (40 CFR 372.65): This product may be subject to SARA notification requirements. Product contains: 1,2,4-Trimethylbenzene, Cumene, and N-Methylpyrrolidone

**US State Regulations**

California Proposition 65:  **WARNING:** This product can expose you to Cumene and N-Methylpyrrolidone, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
 Barium sulfate is listed on both the New Jersey and the Pennsylvania Right to Know lists.

**Section 16 Other Information**

**Disclaimer**

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.

**Section 1 Identification**

**Product identifiers**

Product name: Repro® Slow Part B

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Fast-Cast Urethane Isocyanate

**Details of the supplier of the safety data sheet**

Freeman Manufacturing and Supply Company  
 1101 Moore Road, Avon, OH 44011  
 Phone (440) 934-1902  
 FAX (440) 934-7200

| HMIS   |   |
|--------|---|
| H      | 3 |
| F      | 2 |
| R      | 1 |
| PPE    |   |
| Sec. 8 |   |

**24 Hour emergency telephone number: CHEMTREC (800) 424-9300**

**Section 2 Hazard Identification**

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

- Acute toxicity (Inhalation), Category 4
- Specific target organ toxicity, single exposure Category 3 (Respiratory System)
- Respiratory sensitization, Category 1
- Specific target organ toxicity, repeated exposure Category 1 (Respiratory Tract)
- Skin irritation, Category 2
- Skin sensitization, Category 1
- Eye irritation, Category 2B
- Flammable Liquid, Category 4
- Carcinogenicity, Category 2

**GHS Label elements, including precautionary statements**

Hazard pictograms



Signal word

Danger

**Hazard statements**

- Harmful if inhaled.
- Combustible liquid.
- May cause respiratory irritation.
- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- May causes damage to organs through prolonged or repeated exposure if inhaled.
- Causes skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye irritation.
- Suspected of causing cancer.
- May damage fertility or the unborn child.

**Section 2 Hazard Identification**

**Precautionary statements**

**Prevention**

- Do not breath mist, vapors or spray.
- Wear protective gloves/eye protection/face protection.
- Use only outdoors or in a well-ventilated area.
- In case of inadequate ventilation wear respiratory protection
- Wash skin and face thoroughly after handling.
- Do not eat, drink or smoke when using this product.

**Response**

- If on skin: Remove contaminated clothing. Wash skin with soap and water. If skin irritation or rash occurs get medical attention.
- If inhaled: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms get medical attention.
- If in eyes: Rinse continuously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.
- If swallowed: Immediately call a poison center and seek medical attention.

**Storage**

Store in a well-ventilated place. Keep cool. Keep container tightly closed.

**Disposal**

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

**Hazards not otherwise classified (HNOC) or not covered by GHS**

None known

**Section 3 Composition/Information on Ingredients**

| Ingredient                                    | CAS Number                                  | Concentration (%) |
|---|---|-------------------|
| 4,4'-Diphenylmethane diisocyanate (MDI)       | Proprietary mixture of 101-68-8, 26447-40-5 | 10 - 40           |
| Polymeric diphenylmethane diisocyanate (pMDI) | 9016-87-9                                   | 5 - 20            |
| Distillates (petroleum) hydrotreated light    | 64742-47-8                                  | 1 - 5             |
| 1,2,4-Trimethylbenzene                        | 95-63-6                                     | 1 - 5             |
| Cumene  | 98-82-8                                     | 0.1 - 0.65        |
| N-Methylpyrrolidone                           | 872-50-4                                    | 0 - 0.20          |

**Section 4 First Aid Measures**

**If inhaled**

- Move person into fresh air. If not breathing, give artificial respiration.
- The onset of respiratory symptoms may be delayed for several hours after exposure.
- Get medical attention if irritation develops.

**In case of skin contact**

- Wash thoroughly with soap and water. Immediately remove contaminated clothing and shoes.
- Get medical attention if symptoms occur. Wash clothing and shoes before reuse.



**Section 4 First Aid Measures** continued

**In case of eye contact**

Flush eyes with water for at least 15 minutes. Get medical attention immediately.

**If swallowed**

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms appear.

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

**Eye contact:** Causes eye irritation.

**Inhalation:** Harmful if inhaled. May cause respiratory irritation. Repeated inhalation of vapor at levels above the occupational exposure limit could cause respiratory sensitization. Symptoms may include irritation to the eyes, nose, throat and lungs, possibly combined with dryness of the throat, tightness of chest and difficulty in breathing.

**Skin contact:** Causes skin irritation. May cause sensitization by skin contact.

**Ingestion:** May cause irritation of the gastrointestinal tract. Risk of lung edema if swallowed and enters airway.

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

**Inhalation:** Respiratory tract irritation, coughing, wheezing and breathing difficulties

**Ingestion:** No specific data.

**Skin contact:** Irritation, redness

**Eye contact:** Pain or irritation, watering, redness

**Notes to physician:** Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

**Section 5 Fire-Fighting Measures**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

High volume water jet

**Special hazards arising from the chemical**

Fire or high heat may produce hazardous decomposition products: carbon dioxide, carbon monoxide, oxides from nitrogen, dense black smoke

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

Closed containers may rupture under extreme heat or when contents are contaminated with water. Use cold-water spray to cool fire-exposed containers to minimize the risk of rupture. Apply water from a safe distance, since reactions between water and hot diisocyanates can be vigorous.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors, mist or gas. For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

**Section 6 Accidental Release Measures** continued

**Methods and materials for containment and cleaning up**

Use an inert absorbent (e.g. sand, silica gel, sawdust, universal binder).  
 Sweep up or shovel into a suitable containers for disposal.

**Section 7 Handling and Storage**

**Precautions for safe handling**

Use normal precautions when handling combustible materials. Do not breathe fumes or vapor.  
 Do not allow material to contact skin. Provide appropriate exhaust ventilation.

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

Store at ambient temperatures in closed containers. Do not heat this material above the flash point. Incompatible with water, alcohols, amines, bases, and acids.

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

| Component                                  | Value Type | Control Parameters    | Source  |
|--|------------|-----------------------|---------|
| 4,4'-Diphenylmethane Diisocyanate          | TWA        | 0.005 ppm             | ACGIH   |
| Distillates (petroleum) hydrotreated light | TWA        | 200 mg/m <sup>3</sup> | ACGIH   |
| 1,2,4-Trimethylbenzene                     | TWA        | 25 ppm                | ACGIH   |
| Cumene                                     | TWA        | 50 ppm                | ACGIH   |
| N-Methylpyrrolidone                        | TWA        | 10 ppm                | US WEEL |

**Exposure controls**

**Appropriate engineering controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

**Individual protection measures**

**Eye/face protection**

Safety glasses equipped with side shields or goggles.

**Hand protection**

Chemical-resistant, impervious gloves. Consult glove manufacturer for suitability.  
 Contaminated gloves should be replaced.

**Body protection**

Prevent skin contact when handling material.

**Respiratory protection**

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

**Safety stations**

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Section 8 Exposure Controls/Personal Protection continued**

**General hygienic practices**

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

**Section 9 Physical and Chemical Properties**

|  |   |
|--|---|
| <b>Appearance</b>                          | Opaque tan liquid   |
| <b>Odor</b>                                | Mild earthy, musty  |
| <b>Odor threshold</b>                      | No data available   |
| <b>pH</b>                                  | No data available   |
| <b>Melting or freezing point</b>           | No data available   |
| <b>Initial boiling point/boiling range</b> | No data available   |
| <b>Flash point (COC)</b>                   | 66°C (150°F)  |
| <b>Evaporation rate</b>                    | No data available   |
| <b>Flammability (solid, gas)</b>           | No data available   |
| <b>Upper/lower flammability limits</b>     | No data available   |
| <b>Vapor pressure</b>                      | No data available   |
| <b>Vapor density</b>                       | No data available   |
| <b>Relative density (g/cc)</b>             | 1.9   |
| <b>Water solubility</b>                    | Insoluble-slowly reacts with water to produce CO <sub>2</sub> |
| <b>Coefficient: n-octanol/water</b>        | No data available   |
| <b>Auto-ignition temperature</b>           | No data available   |
| <b>Decomposition temperature</b>           | No data available   |
| <b>Viscosity</b>                           | Approximately 1,000 cP at room temperature                    |
| <b>VOC Content</b>                         | 0.84 lb/gal.  |
| <b>% Volatile</b>                          | 5-10%   |

**Section 10 Stability and Reactivity**

**Reactivity**

No dangerous reaction known under conditions of normal use.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

Polymerization may occur. Avoid contact with moisture or other material, which react with isocyanates. May occur at temperatures above 400°F (204°C)

**Conditions to avoid**

Heat and open flames.

**Incompatible materials**

Water, alcohols, amines, metal compounds, bases, and acids

**Hazardous decomposition products**

Thermal oxidative decomposition can produce carbon monoxide, carbon dioxide, oxides of nitrogen, dense black smoke, isocyanate, isocyanic acid, and other undetermined compounds.

**Section 11 Toxicological Information**

**Information on toxicological effects**

|  |   |
|--|---|
| <b>Acute oral toxicity</b>               | LD50, Rat >2,000 mg/kg (Polymeric MDI)  |
| <b>Acute inhalation toxicity</b>         | LC50, Rat 0.49 mg/L (Polymeric MDI)   |
| <b>Acute dermal toxicity</b>             | LD50, Rabbit >9,400 mg.kg (Polymeric MDI)   |
| <b>Skin corrosion/irritation</b>         | Mild skin irritant  |
| <b>Serious eye damage/eye irritation</b> | Moderate eye irritant   |
| <b>Respiratory or skin sensitization</b> | Skin sensitizer and respiratory sensitizer  |
| <b>Germ cell mutagenicity</b>            | No data available   |
| <b>Carcinogenicity</b>                   |   |
| <b>IARC</b>                              | Cumene: 2B. Possibly carcinogenic to humans   |
| <b>NTP</b>                               | Cumene: Reasonably anticipated to be a human carcinogen   |
| <b>OSHA</b>                              | No components of this product present at levels greater than or equal to 0.1% are identified as a carcinogen or potential carcinogen. |
| <b>Reproductive toxicity</b>             | May damage fertility or unborn child.   |
| <b>Specific target organ toxicity</b>    |   |
| <b>Single exposure</b>                   | May cause respiratory irritation  |
| <b>Specific target organ toxicity</b>    |   |
| <b>Repeated exposure</b>                 | Respiratory system  |
| <b>Aspiration toxicity</b>               | No data available.  |

**Section 12 Ecological Information**

**Ecotoxicity**

|                              |  |
|------------------------------|--|
| <b>Product:</b>              | No data available                                      |
| <b>Specified substances:</b> |  |
| 4,4'-Diphenylmethane         | LC50 (Zebra fish (Brachydanio rerio), 24 h): >500 mg/L |
| -Diisocyanate (MDI)          |  |

**Persistence and degradability**

|                              |                   |
|------------------------------|-------------------|
| <b>Product:</b>              | No data available |
| <b>Specified substances:</b> |                   |
| Polymeric (MDI):             | Not degradable    |

**Bioaccumulative potential**

|                              |                        |
|------------------------------|------------------------|
| <b>Product:</b>              | No data available      |
| <b>Specified substances:</b> |                        |
| Polymeric (MDI):             | Does not bioaccumulate |

**Mobility in soil**

|                              |                   |
|------------------------------|-------------------|
| <b>Product:</b>              | No data available |
| <b>Specified substances:</b> | No data available |

**Section 13 Disposal Considerations**

Do not dispose of waste into sewer. Do not contaminate waterways. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

**Section 14 Transport Information**

**DOT Proper Shipping Name:** Liquid Resin N.O.I Not Regulated  
**TDG Proper Shipping Name:** Liquid Resin N.O.I Not Regulated  
**IMDG Proper Shipping Name:** Liquid Resin N.O.I Not Regulated  
**IATA Proper Shipping Name:** Liquid Resin N.O.I Not Regulated

**Section 15 Regulatory Information**

**US Federal Regulations**

Toxic Substance Control Act: All ingredients listed on TSCA Inventory.  
 CERCLA Reportable Quantity (RQ): 4,4'-Diphenylmethane Diisocyanate (5,000 lb.),  
 SARA Sec 302 Extremely Hazardous Substances: None present in regulated quantities.  
 SARA Sec. 311/312 Codes: Acute Health Hazard, Chronic Health Hazard  
 SARA Sec. 313 Toxic Chemicals (40 CFR 372): This product may be subject to SARA notification requirements. Product contains: 4,4'-Diphenylmethane Diisocyanate, Polymeric Diphenylmethane Diisocyanate, 1,2,4-Trimethylbenzene, Cumene, and N-Methylpyrrolidone

**US State Regulations**

California Proposition 65: ⚠️ WARNING: This product can expose you to Cumene and N-Methylpyrrolidone, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
 Barium sulfate is listed on both the New Jersey and the Pennsylvania Right to Know lists.

**Section 16 Other Information**

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