

## SAFETY DATA SHEET – MULTI-GEL RESIN

### SECTION 1. IDENTIFICATION

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<b>Product Identifier</b>	Multi-Gel Resin
<b>Other Means of Identification</b>	Hydrophilic polyurethane grout
<b>Recommended Use</b>	Professional use only
<b>Restrictions on Use</b>	None known
<b>Supplier Identifier</b>	Multiurethanes Ltd. 5245 Creekbank Rd Mississauga, ON L4W 1N3 Canada
<b>Emergency Telephone Number</b>	1-800-663-6633

### SECTION 2. HAZARD IDENTIFICATION

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#### **Classification**

<u>Acute Toxicity (Inhalation)</u>	Category 4
<u>Skin Corrosion/Irritation</u>	Category 2
<u>Serious Eye Damage/Eye Irritation</u>	Category 2A
<u>Respiratory Sensitization</u>	Category 1
<u>Skin Sensitization</u>	Category 1
<u>Carcinogenicity</u>	Category 2
<u>Specific Target Organ Toxicity - Repeated Exposure (Respiratory System)</u>	Category 2

#### **Label Elements**

##### Hazard Pictograms



## SAFETY DATA SHEET – MULTI-GEL RESIN

<u>Signal Word</u>	DANGER
<u>Hazard Statements</u>	<p>Harmful if inhaled. Causes serious eye irritation. Causes skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure (respiratory system).</p>
<u>Precautionary Statements</u>	<p><b>Prevention</b> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear appropriate protective equipment. Avoid breathing fume/mist/vapours. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling.</p> <p><b>Response</b> IF ON SKIN: Wash with plenty of soap and water. If irritation or rash occurs, seek medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention. IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. Seek medical attention.</p> <p><b>Storage</b> Keep container tightly closed and sealed until ready for use. Store in original container protected from sunlight in a dry, cool, and well-ventilated area. Keep away from incompatibles.</p> <p><b>Disposal</b> Dispose of material in accordance with all applicable federal, state/provincial, and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator.</p>
<b>Other Hazards</b>	None known

## SAFETY DATA SHEET – MULTI-GEL RESIN

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

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#### Mixture

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Concentration (% by weight)</u>	<u>Common Names / Synonyms</u>	<u>Other Identifiers</u>
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	≥ 3 - ≤ 4.9%	Not available	Not available
4,4'-Methylenediphenyl Diisocyanate	101-68-8	≥ 1 - ≤ 3%	Not available	Not available
m-Tolyldiene diisocyanate	26471-62-5	≥ 1 - ≤ 1.5%	Not available	Not available

#### Notes

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### SECTION 4. FIRST-AID MEASURES

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#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Seek medical attention. If necessary, call a poison centre or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. In the event of any complaints or symptoms, avoid further exposure.

#### Skin Contact

Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Seek medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

#### Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Seek

## SAFETY DATA SHEET – MULTI-GEL RESIN

medical attention.

### Ingestion

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

### Most Important Symptoms and Effects, Acute and Delayed

Causes serious eye irritation. Over-exposure symptoms may include pain, irritation, watering, and redness. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Over-exposure symptoms may include wheezing, breathing difficulties and asthma. Causes skin irritation. May cause an allergic skin reaction. Over-exposure symptoms may include irritation and redness.

### Indication of Immediate Medical Attention and Special Treatment Needed

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. If exposed or concerned, seek medical advice and attention.

## SECTION 5. FIRE-FIGHTING MEASURES

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### Extinguishing Media

#### Suitable Extinguishing Media

Use media suitable to the surrounding fire.

#### Unsuitable Extinguishing Media

None known

### Specific Hazards Arising from the Product

In a fire or if heated, a pressure increase will occur and the container may burst. Decomposition products may include carbon dioxide, carbon monoxide and nitrogen oxides.

### Special Protective Equipment and Precautions for Firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-

## SAFETY DATA SHEET – MULTI-GEL RESIN

piece operated in positive pressure mode.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions,  
Protective Equipment and  
Emergency Procedures**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not get in eyes or on skin. Do not breathe fume/mist/vapours. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Use appropriate personal protective equipment.

**Methods and Material for  
Containment and Cleaning  
Up**

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

**Notification Procedures**

Not available

**Environmental Precautions**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### SECTION 7. HANDLING AND STORAGE

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**Precautions for Safe  
Handling**

Put on appropriate personal protective equipment (refer to section 8). Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Avoid exposure – obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breath vapour or mist. Do no ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Good housekeeping is

## SAFETY DATA SHEET – MULTI-GEL RESIN

needed during storage, transfer, handling, and use of this material. Handle in accordance with good industrial hygiene and safety procedures. Always wash hands immediately after handling this product.

### Conditions for Safe Storage (including incompatibilities)

Store in accordance with local regulations. Store in original container protected from sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (water, amines, strong bases, alcohols, copper alloys, aluminum) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters – Occupational Exposure Limits

Chemical Name	Type	Exposure Limit Values	Source
Isocyanic acid, polymethylenepolyphenylene ester	8 hrs OEL	0.07 mg/m <sup>3</sup> 8 hours 0.005 ppm 8 hours	Province of Alberta (Canada, 04/2009)
Isocyanic acid, polymethylenepolyphenylene ester	TWA	0.005 ppm 8 hours	Province of British Columbia (Canada, 07/2016); Province of Ontario (Canada, 07/2015)
Isocyanic acid, polymethylenepolyphenylene ester	CEIL	0.01 ppm	Province of British Columbia (Canada, 07/2016)
Isocyanic acid, polymethylenepolyphenylene ester	CEIL	0.02 ppm	Province of Ontario (Canada, 07/2015)
4,4'-Methylenediphenyl Diisocyanate	TWA	0.005 ppm 8 hours	ACGIH TLV (US, 03/2017); Province of British Columbia (Canada, 07/2016). Absorbed through skin. Skin sensitizer.; Province of Ontario (Canada, 07/2015); Province of Saskatchewan (Canada, 07/2013)
4,4'-Methylenediphenyl Diisocyanate	TWA	0.05 mg/m <sup>3</sup> 10 hours 0.005 ppm 10 hours	NIOSH REL (US, 10/2016)
4,4'-Methylenediphenyl Diisocyanate	CEIL	0.2 mg/m <sup>3</sup> 10 minutes 0.02 ppm 10 minutes	NIOSH REL (US, 10/2016)
4,4'-Methylenediphenyl Diisocyanate	CEIL	0.02 ppm 0.2 mg/m <sup>3</sup>	OSHA PEL (US, 06/2016)
4,4'-Methylenediphenyl Diisocyanate	8 hrs OEL	0.005 ppm 8 hours 0.05 mg/m <sup>3</sup> 8 hours	Province of Alberta (Canada, 04/2009)
4,4'-Methylenediphenyl Diisocyanate	C	0.01 ppm	Province of British Columbia (Canada, 07/2016). Absorbed through skin. Skin sensitizer.
4,4'-Methylenediphenyl Diisocyanate	TWAEV	0.005 ppm 8 hours 0.051 mg/m <sup>3</sup> 8 hours	Province of Quebec (Canada, 01/2014). Skin sensitizer.
4,4'-Methylenediphenyl Diisocyanate	STEL	0.015 ppm 15 minutes	Province of Saskatchewan (Canada, 07/2013)

## SAFETY DATA SHEET – MULTI-GEL RESIN

m-Tolylidene diisocyanate	TWA	0.005 ppm 8 hours	Province of British Columbia (Canada, 07/2016); Province of Ontario (Canada, 07/2015)
m-Tolylidene diisocyanate	C	0.01 ppm	Province of British Columbia (Canada, 07/2016)
m-Tolylidene diisocyanate	TWAEV	0.005 ppm 8 hours 0.036 mg/m <sup>3</sup> 8 hours	Province of Quebec (Canada, 01/2014). Skin sensitizer.
m-Tolylidene diisocyanate	STEV	0.02 ppm 15 minutes 0.014 mg/m <sup>3</sup> 15 minutes	Province of Quebec (Canada, 01/2014). Skin sensitizer.
m-Tolylidene diisocyanate	C	0.02 ppm	Province of Ontario (Canada, 07/2015)

### Appropriate Engineering Controls

Use only adequate ventilation. If user operations generate dust, fumes, gas, vapour, or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### Individual Protection Measures

#### Eye/Face Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

#### Skin Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the cases of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### Respiratory Protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## SAFETY DATA SHEET – MULTI-GEL RESIN

### Hygiene Measures

Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Ensure that eyewash stations and safety showers are in close proximity.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Amber to light brown liquid
<b>Odour</b>	Slightly musty
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point / Freezing Point</b>	Not available
<b>Initial Boiling Point and Boiling Range</b>	Not available
<b>Flash Point</b>	Closed cup: > 93.33°C (> 200°F)
<b>Evaporation Rate (BuAe = 1)</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.09 to 1.112
<b>Solubility in Water</b>	Insoluble in water. Reacts slowly with water to liberate carbon dioxide.
<b>Solubility (other)</b>	Not available
<b>Partition Coefficient, n-octanol / water (logKow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available



## SAFETY DATA SHEET – MULTI-GEL RESIN

<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Dynamic (room temperature): 875 mPa·s (875 ± 150 cP)

### SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical Stability</b>	Reacts with moisture and other materials that react with isocyanate.
<b>Possibility of Hazardous Reactions</b>	None under normal conditions.
<b>Conditions to Avoid</b>	Avoid extreme heat, direct sunlight, and moisture.
<b>Incompatible Materials</b>	Water, amines, strong bases, alcohols, copper alloys, aluminum.
<b>Hazardous Decomposition Products</b>	By heat and fire: carbon monoxide, oxides of nitrogen, hydrogen.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Toxicological Data – Acute Toxicity

<u>Chemical Name</u>	<u>Result</u>	<u>Species</u>	<u>Dose</u>	<u>Exposure</u>
Isocyanic acid, polymethylenepolyphenylene ester	LD50 Dermal	Rabbit	>9400 mg/kg	-
Isocyanic acid, polymethylenepolyphenylene ester	LD50 Oral	Rat	49 g/kg	-
4,4'-Methylenediphenyl Diisocyanate	LD50 Oral	Rat	9200 mg/kg	-

#### Toxicological Data – Irritation/Corrosion

<u>Chemical Name</u>	<u>Result</u>	<u>Species</u>	<u>Score</u>	<u>Exposure</u>	<u>Observation</u>
Isocyanic acid, polymethylenepolyphenylene ester	Eyes – Mild irritant	Rabbit	-	100 mg	-
4,4'-Methylenediphenyl Diisocyanate	Eyes – Moderate irritant	Rabbit	-	100 mg	-
m-Tolyldiene diisocyanate	Skin - Severe irritant	Rabbit	-	500 mg	-

## SAFETY DATA SHEET – MULTI-GEL RESIN

### Acute Toxicity

<u>Route</u>	<u>ATE value</u>
Inhalation (vapours)	264 mg/L
Inhalation (dusts and mists)	3.541 mg/L

### Specific Target Organ Toxicity - Single Exposure

<u>Name</u>	<u>Category</u>	<u>Target Organs</u>
Isocyanic acid, polymethylenepolyphenylene ester	Category 3	Respiratory tract irritation
4,4'-Methylenediphenyl Diisocyanate	Category 3	Respiratory tract irritation
m-Tolyldiene diisocyanate	Category 3	Respiratory tract irritation

### Specific Target Organ Toxicity - Repeated Exposure

<u>Name</u>	<u>Category</u>	<u>Target Organs</u>
Isocyanic acid, polymethylenepolyphenylene ester	Category 2	Respiratory system
4,4'-Methylenediphenyl Diisocyanate	Category 2	Not determined

### Carcinogenicity

Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

<u>Chemical Name</u>	<u>IARC</u>	<u>ACGIH</u>	<u>OSHA</u>
Isocyanic acid, polymethylenepolyphenylene ester	3	-	-
4,4'-Methylenediphenyl Diisocyanate	3	-	-
m-Tolyldiene diisocyanate	2B	-	-

**Respiratory and/or Skin  
Sensitization** No data available

**Reproductive Toxicity** No data available

**Germ Cell Mutagenicity** No data available

**Aspiration Hazard** No data available

### Information on Likely Routes of Exposure

Inhalation Yes

Skin Contact Yes

Eye Contact Yes

Ingestion Yes

## SAFETY DATA SHEET – MULTI-GEL RESIN

### Signs and Symptoms of Exposure

#### *Inhalation*

Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Over-exposure symptoms may include coughing, wheezing, breathing difficulties, and asthma.

#### *Skin Contact*

Causes skin irritation. May cause an allergic skin reaction. Over-exposure symptoms may include irritation and redness.

#### *Eye Contact*

Causes serious eye irritation. Over-exposure symptoms may include pain, irritation, watering, and redness.

#### *Ingestion*

No known significant effects or critical hazards.

### Potential Chronic Health Effects

May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

## SECTION 12. ECOLOGICAL INFORMATION

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**Ecotoxicity** Not available

**Persistence and Degradability** Not available

### Bioaccumulative Potential

<u>Chemical Name</u>	<u>LogP<sub>ow</sub></u>	<u>BCF</u>	<u>Potential</u>
4,4'-Methylenediphenyl Diisocyanate	4.51	200	Low
m-Tolyldiene diisocyanate	3.43	-	Low

**Mobility in Soil** Not available

**Other Adverse Effects** No known significant effects or critical hazards.

## SECTION 13. DISPOSAL CONSIDERATIONS

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### Disposal Methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus

## SAFETY DATA SHEET – MULTI-GEL RESIN

and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**United States – RCRA Toxic Hazardous Waste “U” List** m-Tolyldiene diisocyanate (CAS #26741-62-5) Listed; Reference #U223

### SECTION 14. TRANSPORT INFORMATION

<u>Regulation</u>	<u>UN No.</u>	<u>Proper Shipping Name</u>	<u>Technical Name (for N.O.S. entry)</u>	<u>Transport Hazard Class(es)</u>	<u>Packing Group</u>
<b>TDG</b>	None	Not regulated	Not regulated	Not regulated	Not regulated
<b>49 CFR/DOT</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	(m-Tolyldiene diisocyanate). Marine pollutant RQ (m-Tolyldiene diisocyanate)	9	III
<b>additional information</b>	Non-bulk packages of this product are not regulated as hazardous materials in package sizes less than the product reportable quantity, unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of ≤ 5 L or ≤ 5 kg.  <b>Reportable quantity</b> 3445.2 kg / 7588.6 lbs [3129.2 L / 826.65 gal]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ transportation requirements.				
<b>IMDG</b>	None	Not regulated	Not regulated	Not regulated	Not regulated
<b>ICAO/IATA</b>	None	Not regulated	Not regulated	Not regulated	Not regulated
<b>additional information</b>	The environmentally hazardous substance mark may appear if required by other transportation regulations.				

**Tariff Classification Number** 3909.50.5000

**Special Precautions** For transport within the user’s premises, always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Environmental Hazards** Refer to section 12.

## SAFETY DATA SHEET – MULTI-GEL RESIN

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available

### SECTION 15. REGULATORY INFORMATION

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#### Canadian Information

Canada inventory (DSL/NDSL)

All components are listed or exempted.

NPRI

The following components are listed: m-Tolyldiene diisocyanate; 4,4'-Methylenediphenyl Diisocyanate; Isocyanic acid, polymethylenepolyphenylene ester

CEPA Toxic Substances

The following components are listed: m-Tolyldiene diisocyanate

#### US Information

PAIR (TSCA 8a)

4,4'-Methylenediphenyl Diisocyanate

CDR Exempt/Partial exemption (TSCA 8a)

Not determined

United States Inventory (TSCA 8b)

All components are listed or exempted.

Calls for record of SAR (TSCA 8c)

m-Tolyldiene diisocyanate; 4,4'-Methylenediphenyl Diisocyanate; Isocyanic acid, polymethylenepolyphenylene ester

One-time export (TSCA 12b)

m-Tolyldiene diisocyanate

Clean Water Act (CWA) 307

4,4'-Methylenediphenyl Diisocyanate

Clean Air Act Section 112 Regulated Toxic Substances

m-Tolyldiene diisocyanate

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)

Listed

Clean Air Act Section 602 Class I Substances

Not listed

Clean Air Act Section 602 Class II Substances

Not listed

## SAFETY DATA SHEET – MULTI-GEL RESIN

<u>DEA List I Chemicals</u> (Precursor Chemicals)	Not listed
<u>DEA List II Chemicals</u> (Essential Chemicals)	Not listed
<u>SARA 302/304</u>	No products were found.
<u>SARA 304 RQ</u>	Not applicable
<u>SARA 311/312</u>	Acute Toxicity (inhalation) – Category 4 Skin Corrosion/Irritation – Category 2 Serious Eye Damage/Eye Irritation – Category 2A Respiratory Sensitization – Category 1 Skin Sensitization – Category 1 Carcinogenicity – Category 2 Specific Target Organ Toxicity (Repeated Exposure) (respiratory system) – Category 2

<u>Chemical Name</u>	<u>Classification</u>
Isocyanic acid, polymethylenepolyphenylene ester	Acute Toxicity (inhalation) – Category 4 Skin Corrosion/Irritation – Category 2 Serious Eye Damage/Eye Irritation – Category 2A Respiratory Sensitization – Category 1 Skin Sensitization – Category 1 Carcinogenicity – Category 2 Specific Target Organ Toxicity (Single Exposure) (Respiratory tract irritation) – Category 3 Specific Target Organ Toxicity (Repeated Exposure) – Category 2 Specific Target Organ Toxicity (Repeated Exposure) (respiratory system) (inhalation) – Category 2
4,4'-Methylenediphenyl Diisocyanate	Acute Toxicity (inhalation) – Category 4 Skin Corrosion/Irritation – Category 2 Serious Eye Damage/Eye Irritation – Category 2A Respiratory Sensitization – Category 1 Skin Sensitization – Category 1 Carcinogenicity – Category 2 Specific Target Organ Toxicity (Single Exposure) (Respiratory tract irritation) – Category 3 Specific Target Organ Toxicity (Repeated Exposure) - Category 2
m-Tolyldiene diisocyanate	Acute Toxicity (inhalation) – Category 2 Skin Corrosion/Irritation – Category 2 Serious Eye Damage/Eye Irritation – Category 2A Respiratory Sensitization – Category 1 Skin Sensitization – Category 1 Carcinogenicity – Category 2 Specific Target Organ Toxicity (Single Exposure) (Respiratory tract irritation) – Category 3

### SARA 313

<u>Product Name</u>	<u>CAS Number</u>
Form R – Reporting Requirements	Isocyanic acid, polymethylenepolyphenylene ester 4,4'-Methylenediphenyl Diisocyanate m-Tolyldiene diisocyanate
	9016-87-9 101-68-8 26471-62-5

## SAFETY DATA SHEET – MULTI-GEL RESIN

Supplier Notification	Isocyanic acid, polymethylenepolyphenylene ester 4,4'-Methylenediphenyl Diisocyanate m-Tolyldiene diisocyanate	9016-87-9 101-68-8 26471-62-5
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State Regulation  
(Massachusetts)

The following components are listed: m-Tolyldiene diisocyanate; 4,4'-Methylenediphenyl Diisocyanate

State Regulation (New York)

The following components are listed: m-Tolyldiene diisocyanate; 4,4'-Methylenediphenyl Diisocyanate

State Regulation (New Jersey)

The following components are listed: m-Tolyldiene diisocyanate; 4,4'-Methylenediphenyl Diisocyanate; Isocyanic acid, polymethylenepolyphenylene ester

State Regulation  
(Pennsylvania)

The following components are listed: m-Tolyldiene diisocyanate; 4,4'-Methylenediphenyl Diisocyanate

State Regulation (California Prop. 65)

WARNING: This product can expose you to Toluene diisocyanate, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**International Information**

Not available

### SECTION 16. OTHER INFORMATION

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**Date of Latest Revision**

October 14, 2021

**Disclaimer**

The information provided in this document is correct to the best of our knowledge, information, and belief at the date of its publication. This information is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. This information is designed only as a general guidance and is not to be considered a warranty or quality specification. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified above.

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**END OF SAFETY DATA SHEET**