SAFETY DATA SHEET

1. Identification

**Material name:** Epoxy Bodycoat - Neutral Part A  
**Material:** 101 NEUTRAL

**Recommended use and restriction on use**
- **Recommended use:** Sealant
- **Restrictions on use:** Not known.

**Manufacturer/Importer/Supplier/Distributor Information**
Epoxy Systems, Inc.  
20774 W Pennsylvania Ave  
Dunnellon, FL 34431

- **Contact person:** Norm Lambert  
- **Telephone:** 1-352-489-1666  
- **Emergency telephone number:** 1-800-663-8253 (US); 1-801-629-0667 (outside US)

2. Hazard(s) identification

**Hazard Classification**

**Health Hazards**
- Skin Corrosion/Irritation: Category 2  
- Serious Eye Damage/Eye Irritation: Category 2A  
- Skin sensitizer: Category 1

**Unknown toxicity - Health**
- Acute toxicity, oral: 33.46 %  
- Acute toxicity, dermal: 44.52 %  
- Acute toxicity, inhalation, vapor: 45.29 %  
- Acute toxicity, inhalation, dust or mist: 51.29 %

**Environmental Hazards**
- Acute hazards to the aquatic environment: Category 2  
- Chronic hazards to the aquatic environment: Category 2

**Unknown toxicity - Environment**
- Acute hazards to the aquatic environment: 34.19 %  
- Chronic hazards to the aquatic environment: 34.19 %
Label Elements

Hazard Symbol:

Signal Word: Warning

Hazard Statement: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing. Specific treatment (see supplemental first aid instructions on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Collect spillage.

Disposal: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Hazard(s) not otherwise classified (HNOC): None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS number</th>
<th>Content in percent (%)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A Polyglycidyl Ether Resin</td>
<td>25068-38-6</td>
<td>25 - &lt;50%</td>
</tr>
<tr>
<td>Calcium Carbonate (Limestone)</td>
<td>1317-65-3</td>
<td>20 - &lt;50%</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol</td>
<td>107-41-5</td>
<td>5 - &lt;10%</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>5 - &lt;10%</td>
</tr>
<tr>
<td>Petroleum naphtha, heavy alkylate</td>
<td>64741-65-7</td>
<td>0.1 - &lt;1%</td>
</tr>
</tbody>
</table>
4. First-aid measures

Description of necessary first-aid measures

Inhalation: Move to fresh air.

Skin Contact: Get medical attention. Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

Ingestion: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

Personal Protection for First-aid Responders: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Most important symptoms/effects, acute and delayed

Symptoms: Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Symptoms may be delayed.

5. Fire-fighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures: No data available.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

Accidental release measures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Methods and material for containment and cleaning up: Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

Environmental Precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation): Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

Safe handling advice: Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Avoid contact with eyes. Avoid contact with skin. Avoid contact with eyes, skin, and clothing.

Contact avoidance measures: No data available.

Hygiene measures: Observe good industrial hygiene practices. Avoid contact with eyes. Wash contaminated clothing before reuse. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace.

Storage

Safe storage conditions: Store away from incompatible materials. Store in original tightly closed container.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Type</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate (Limestone) - Total dust.</td>
<td>PEL</td>
<td>15 mg/m3</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)</td>
</tr>
<tr>
<td>Calcium Carbonate (Limestone) - Respirable fraction.</td>
<td>PEL</td>
<td>5 mg/m3</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006)</td>
</tr>
<tr>
<td>Chemical name</td>
<td>Type</td>
<td>Exposure Limit Values</td>
<td>Source</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>---------------------------</td>
<td>-----------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol - Vapor fraction</td>
<td>TWA</td>
<td>25 ppm</td>
<td>US. ACGIH Threshold Limit Values, as amended (03 2017)</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol - Aerosol, inhalable.</td>
<td>STEL</td>
<td>10 mg/m3</td>
<td>US. ACGIH Threshold Limit Values, as amended (03 2017)</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol - Vapor fraction</td>
<td>STEL</td>
<td>50 ppm</td>
<td>US. ACGIH Threshold Limit Values, as amended (03 2017)</td>
</tr>
<tr>
<td>Petroleum naphtha, heavy alkylate</td>
<td>STEL</td>
<td>100 ppm</td>
<td>US. ACGIH Threshold Limit Values, as amended (03 2017)</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/Silica Sand - Respirable dust.</td>
<td>TWA</td>
<td>0.05 mg/m3</td>
<td>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (03 2016)</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/Silica Sand - Respirable dust.</td>
<td>PEL</td>
<td>0.05 mg/m3</td>
<td>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended (03 2016)</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/Silica Sand - Respirable.</td>
<td>TWA</td>
<td>2.4 millions of particles per cubic foot of air</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (2000)</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/Silica Sand - Respirable.</td>
<td>TWA</td>
<td>0.1 mg/m3</td>
<td>US. OSHA Table Z-3 (29 CFR 1910.1000), as amended (2000)</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/Silica Sand - Respirable fraction.</td>
<td>TWA</td>
<td>0.025 mg/m3</td>
<td>US. ACGIH Threshold Limit Values, as amended (02 2020)</td>
</tr>
<tr>
<td>Calcium Carbonate (Limestone) - Total dust.</td>
<td>STEL</td>
<td>20 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Calcium Carbonate (Limestone) - Total dust.</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Calcium Carbonate (Limestone) - Respirable fraction.</td>
<td>TWA</td>
<td>3 mg/m3</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Calcium Carbonate (Limestone) - Total dust.</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol</td>
<td>CEILING</td>
<td>25 ppm</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol</td>
<td>CEILING</td>
<td>25 ppm</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol - Vapor fraction</td>
<td>TWA</td>
<td>121 mg/m3</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol - Vapor fraction</td>
<td>STEL</td>
<td>50 ppm</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (01 2020)</td>
</tr>
<tr>
<td>2-Methyl-2,4-Pentanediol - Vapor fraction</td>
<td>TWA</td>
<td>25 ppm</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (01 2020)</td>
</tr>
<tr>
<td>Substance</td>
<td>Concentration</td>
<td>Reference</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---------------</td>
<td>---------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Petroleum naphtha, heavy alkylate</td>
<td>TWA 525 mg/m³</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (11 2010)</td>
<td></td>
</tr>
<tr>
<td>Petroleum naphtha, heavy alkylate</td>
<td>TWA 1,000 mg/m³</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (03 2020)</td>
<td></td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/Silica Sand - Respirable fraction.</td>
<td>TWA 0.10 mg/m³</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (09 2015)</td>
<td></td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/Silica Sand - Respirable dust.</td>
<td>TWA 0.1 mg/m³</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)</td>
<td></td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/Silica Sand - Respirable fraction.</td>
<td>TWA 0.025 mg/m³</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (06 2007)</td>
<td></td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>TWA 25 ppm 123 mg/m³</td>
<td>Canada. Alberta OELs (Occupational Health &amp; Safety Code, Schedule 1, Table 2), as amended (07 2009)</td>
<td></td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>TWA 25 ppm</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
<td></td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>TWA 25 ppm</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (11 2010)</td>
<td></td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>TWA 25 ppm</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (03 2020)</td>
<td></td>
</tr>
<tr>
<td>1-Methoxy-2-propanol acetate</td>
<td>TWA 50 ppm</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL 75 ppm</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
<td></td>
</tr>
<tr>
<td>1-Methoxy-2-propanol acetate</td>
<td>TWA 50 ppm 270 mg/m³</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (12 2007)</td>
<td></td>
</tr>
<tr>
<td>Cumene</td>
<td>STEL 75 ppm</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA 25 ppm</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
<td></td>
</tr>
<tr>
<td>Cumene</td>
<td>TWA 50 ppm</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (11 2010)</td>
<td></td>
</tr>
<tr>
<td>Cumene</td>
<td>TWA 50 ppm 246 mg/m³</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)</td>
<td></td>
</tr>
<tr>
<td>Benzene</td>
<td>STEL 2.5 ppm</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA 0.5 ppm</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
<td></td>
</tr>
<tr>
<td>Benzene</td>
<td>TWA 0.5 ppm</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (06 2015)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL 2.5 ppm</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (06 2015)</td>
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</tr>
</tbody>
</table>
Benzene

<table>
<thead>
<tr>
<th></th>
<th>TWA</th>
<th>1 ppm</th>
<th>3 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEL</td>
<td></td>
<td>5 ppm</td>
<td>15.5 mg/m³</td>
</tr>
</tbody>
</table>

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)

Toluene

<table>
<thead>
<tr>
<th></th>
<th>TWA</th>
<th>20 ppm</th>
</tr>
</thead>
</table>

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents), as amended (11 2010)

Toluene

|          | TWA | 20 ppm |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Biological Substances. Occupational Health and Safety Regulation 296/97, as amended) (07 2007)

Toluene

|          | TWA | 50 ppm | 188 mg/m³ |

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended (09 2017)

Appropriate Engineering Controls

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin Protection

Hand Protection: Additional Information: Use suitable protective gloves if risk of skin contact.

Skin and Body Protection: Wear suitable protective clothing. Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene measures: Observe good industrial hygiene practices. Avoid contact with eyes. Wash contaminated clothing before reuse. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

- Physical state: liquid
- Form: liquid
- Color: Milky white
- Odor: Mild
- Odor threshold: No data available.
- pH: No data available.
- Melting point/freezing point: No data available.
- Initial boiling point and boiling range: No data available.
- Flash Point: > 200.00 °C > 392.00 °F
Evaporation rate: Slower than Ether
Flammability (solid, gas): No
Upper/lower limit on flammability or explosive limits
- Flammability limit - upper (%): No data available.
- Flammability limit - lower (%): No data available.
- Explosive limit - upper: No data available.
- Explosive limit - lower: No data available.
Vapor pressure: No data available.
Vapor density: Vapors are heavier than air and may travel along the floor and in the bottom of containers.
Relative density: 1.378
Solubility(ies)
- Solubility in water: Insoluble in water
- Solubility (other): No data available.
Partition coefficient (n-octanol/water): No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.

10. Stability and reactivity

Reactivity: No data available.
Chemical Stability: Material is stable under normal conditions.
Possibility of hazardous reactions: No data available.
Conditions to avoid: Avoid heat or contamination.
Incompatible Materials: No data available.
Hazardous Decomposition Products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological information

Information on likely routes of exposure
- Inhalation: In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
- Skin Contact: May be harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.
- Eye contact: Causes serious eye irritation.
- Ingestion: May be harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics
Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral
Product: ATEmix: 2,242.96 mg/kg

Dermal
Product: ATEmix: 2,040.56 mg/kg

Inhalation
Product: ATEmix: 100.16 mg/l

Repeated dose toxicity
Product: No data available.

Skin Corrosion/Irritation
Product: No data available.

Specified substance(s):
- Bisphenol A in vivo (Rabbit): Moderately irritating, 24 h
- Polyglycidyl Ether Resin
- 2-Methyl-2,4-Pentanediol in vivo (Rabbit): Slightly irritating, 24 - 72 h
- Benzyl alcohol in vivo (Rabbit): Slightly irritating

Serious Eye Damage/Eye Irritation
Product: No data available.

Specified substance(s):
- 2-Methyl-2,4-Pentanediol Rabbit, 24 - 72 hrs: Not irritant

Respiratory or Skin Sensitization
Product: No data available.

Carcinogenicity
Product: No data available.
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

US. National Toxicology Program (NTP) Report on Carcinogens:

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

Germ Cell Mutagenicity

**In vitro**

Product: No data available.

**In vivo**

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects: No data available.

**12. Ecological information**

Ecotoxicity:

**Acute hazards to the aquatic environment:**

**Fish**

Product: No data available.

**Specified substance(s):**

- Bisphenol A Polyglycidyl Ether Resin
  - LC 50 (Oncorhynchus mykiss, 96 h): 1.5 mg/l Experimental result, Key study

- 2-Methyl-2,4-Pentanediol
  - LC 50 (Pimephales promelas, 96 h): 8,690 mg/l Experimental result, Key study
Benzyl alcohol LC 50 (Pimephales promelas, 96 h): 460 mg/l Experimental result, Key study

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**
- Bisphenol A Polyglycidyl Ether Resin EC 50 (Daphnia magna, 48 h): 1.1 mg/l experimental result Experimental result, Key study
- 2-Methyl-2,4-Pentanediol EC 50 (Water flea (Daphnia magna), 48 h): 2,700 - 3,700 mg/l Intoxication
- Benzyl alcohol EC 50 (Daphnia magna, 48 h): 230 mg/l experimental result Experimental result, Key study

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**
- Bisphenol A Polyglycidyl Ether Resin NOAEL (Daphnia magna): 0.3 mg/l experimental result Experimental result, Key study
- Benzyl alcohol NOAEL (Daphnia magna): 51 mg/l experimental result Experimental result, Key study

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Specified substance(s):**
- Bisphenol A Polyglycidyl Ether Resin 82 % Detected in water. Experimental result, Key study
- 2-Methyl-2,4-Pentanediol 81 % (28 d) Detected in water. Experimental result, Key study
- Benzyl alcohol 97 % (21 d) Detected in water. Experimental result, Key study

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**
Product: No data available.

Specified substance(s):
- Bisphenol A Polyglycidyl Ether Resin
  - Bioconcentration Factor (BCF): 31 Aquatic sediment QSAR, Key study

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Specified substance(s):
- Bisphenol A Polyglycidyl Ether Resin
  - Log Kow: 2.64 - 3.78 25 °C Yes Experimental result, Key study
- 2-Methyl-2,4-Pentanediol
  - Log Kow: 0.58
- Benzyl alcohol
  - Log Kow: 1.10

Mobility in soil: No data available.

Other adverse effects: Toxic to aquatic life with long lasting effects.

13. Disposal considerations

Disposal methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated Packaging: No data available.

14. Transport information

TDG:
UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A Epoxy Resin), 9, PG III

CFR / DOT:
UN3082, Environmentally hazardous substance, liquid, n.o.s. (Bisphenol A Epoxy Resin), 9, PG III

IMDG:
UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A Epoxy Resin), 9, PG III, MARINE POLLUTANT

Further Information:
The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

15. Regulatory information

US Federal Regulations
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs)
(40 CFR 721, Subpt E)
None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>OSHA hazard(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline Silica (Quartz)/ Silica Sand</td>
<td>kidney effects, lung effects, immune system effects, Cancer</td>
</tr>
<tr>
<td>Benzene</td>
<td>Blood, respiratory tract irritation, Central nervous system, Flammability, Cancer, Skin, Aspiration, Eye</td>
</tr>
</tbody>
</table>

CERCLA Hazardous Substance List (40 CFR 302.4):

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum naphtha, heavy alkylate</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Cumene</td>
<td>5000 lbs.</td>
</tr>
<tr>
<td>Benzene</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>Toluene</td>
<td>1000 lbs.</td>
</tr>
</tbody>
</table>

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
- Immediate (Acute) Health Hazards
- Skin Corrosion or Irritation
- Serious eye damage or eye irritation
- Respiratory or Skin Sensitization

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances
Not regulated.

US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65
WARNING
Cancer and Reproductive Harm - www.P65Warnings.ca.gov

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity
Bisphenol A Polyglycidyl Ether Resin
Calcium Carbonate (Limestone)
2-Methyl-2,4-Pentanediol
Benzyl alcohol
bis(2-ethylhexyl)-a,4-benzenedicarboxylate
Petroleum naphtha, heavy alkylate

US. Massachusetts RTK - Substance List

Chemical Identity
Calcium Carbonate (Limestone)
2-Methyl-2,4-Pentanediol
Benzyl alcohol
Crystalline Silica (Quartz)/ Silica Sand

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity
Calcium Carbonate (Limestone)
2-Methyl-2,4-Pentanediol
Benzyl alcohol

US. Rhode Island RTK

Chemical Identity
Calcium Carbonate (Limestone)
2-Methyl-2,4-Pentanediol

International regulations

Montreal protocol
Not applicable

Stockholm convention
Not applicable

Rotterdam convention
Not applicable

Kyoto protocol
Not applicable

VOC:
Regulatory VOC (less water and exempt solvent) : 89 g/l
VOC Method 310 : 6.43 %
**Inventory Status:**

<table>
<thead>
<tr>
<th>Inventory Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia Industrial Chem. Act (AIIC):</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Canada DSL Inventory List:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Canada NDSL Inventory:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Ontario Inventory:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>China Inv. Existing Chemical Substances:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Japan (ENCS) List:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Japan ISHL Listing:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Japan Pharmacopoeia Listing:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Korea Existing Chemicals Inv. (KECI):</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Mexico INSQ:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>New Zealand Inventory of Chemicals:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Philippines PICCS:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
<tr>
<td>Taiwan Chemical Substance Inventory:</td>
<td>One or more components in this product are not listed on or exempt from the Inventory.</td>
</tr>
</tbody>
</table>
US TSCA Inventory: One or more components in this product are not listed on or exempt from the Inventory.

Switzerland New Subs Notified/Registered: One or more components in this product are not listed on or exempt from the Inventory.

Thailand DIW Existing Chemical Inv. List: One or more components in this product are not listed on or exempt from the Inventory.

Vietnam National Chemical Inventory: One or more components in this product are not listed on or exempt from the Inventory.

EINECS, ELINCS or NLP: One or more components in this product are not listed on or exempt from the Inventory.

### 16. Other information, including date of preparation or last revision

**Revision Date:** 04/12/2022

**Version #:** 1.0

**Further Information:** No data available.

**Disclaimer:** For Industrial Use Only. Keep out of Reach of Children. The hazard information herein 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.