1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product SDS Name Epoxy Putty Stick - Wood

J-B Weld FG SKU Part Numbers Covered

8257, 8258, 8257F, 7257

J-B Weld Product Names Covered

KwikWood™ (all sizes)

J-B Weld Product Type

Epoxy Putty Stick

Recommended use of the chemical and restrictions on use

Recommended Use Household Wood Repairs & Filler

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name J-B WELD COMPANY, LLC
Supplier Address 1130 COMO ST
SULPHUR SPRINGS, TX 75482 USA

Emergency Telephone Numbers

Transportation Emergencies: Chemtrec (24 hour transportation emergency response info): 800-424-9300 or 703-527-3887

Poison/Medical Emergencies: Poison Control Centers (24 hour emergency poison / medical response info): 800-222-1222

Supplier Email info@jbweld.com
Supplier Phone Number 903-885-7696

2. HAZARDS IDENTIFICATION

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29-CFR 1910.1200).
Classification of the substance or mixture
SKIN CORROSION / IRRITATION – Category 2
SERIOUS EYE DAMAGE / EYE IRRITATION – Category 2B
SKIN SENSITIZATION – Category 1

GHS label elements
Hazard pictograms

Signal word
Warning!

Hazard statements
Causes skin and eye irritation.
May cause an allergic skin reaction.

Precautionary statements
General
Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention
Wear protective gloves. Wear eye or face protection. Avoid breathing dust. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Response
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. 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 attention.

Storage
Not applicable.

Disposal
Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ingredient name</strong></td>
<td><strong>% by weight</strong></td>
</tr>
<tr>
<td>reaction product: bisphenol-A-(epichlorhydrin); epoxy resin</td>
<td>10-30</td>
</tr>
<tr>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>1-5</td>
</tr>
<tr>
<td>crystalline silica non-respirable</td>
<td>0.1-1</td>
</tr>
</tbody>
</table>

Canada

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc, not containing asbestiform fibres</td>
<td>14807-96-6</td>
<td>30-60</td>
</tr>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin</td>
<td>25068-38-6</td>
<td>10-30</td>
</tr>
<tr>
<td>glass, oxide, chemicals</td>
<td>65997-17-3</td>
<td>10-30</td>
</tr>
<tr>
<td>2,4,6-tris (dimethylaminomethyl)phenol</td>
<td>90-72-2</td>
<td>1-5</td>
</tr>
<tr>
<td>crystalline silica non-respirable</td>
<td>14808-60-7</td>
<td>0.1-1</td>
</tr>
</tbody>
</table>
Occupational exposure limits, if available, are listed in Section 8.

### 4. FIRST AID MEASURES

**Description of necessary first aid measure**

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is regular 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. Get medical attention if adverse health effects persist or are severe. 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.

**Skin contact**
Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get 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 10 minutes. Get 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. Get medical attention if adverse health effects persist or are severe. 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/effects, acute and delayed**

**Potential acute health effects**

**Inhalation**
Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

**Skin contact**
Causes skin irritation. May cause an allergic skin reaction.

**Eye contact**
Causes serious eye irritation

**Ingestion**
Irritating to mouth, throat and stomach.

**Over-exposure signs/symptoms**

**Inhalation**
No specific data.

**Skin contact**
Adverse symptoms may include the following:
- irritation
- redness

**Eye contact**
Adverse symptoms may include the following:
- pain or irritation
watering
redness

Ingestion
No specific data

**Indication of immediate medical attention and special treatment needed, if necessary**

Notes to physician
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.

Specific treatments
No specific treatment.

See toxicological information (Section 11)

---

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media**
Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media**
None known.

**Specific hazards arising from the chemical**
No specific fire or explosion hazard.

**National Fire Protection Association (U.S.A.)**

**Flammability**

**Health**

2

0

**Instability/Reactivity**

**Special**

**Hazardous thermal decomposition products**
Decomposition products may include the following materials:
- Carbon dioxide
- Carbon monoxide
- Nitrogen oxides
- Sulfur oxides
- Halogenated compounds
- Metal oxide/oxides

**Special protective actions for fire-fighters**
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.

**Special protective equipment for fire-fighters**
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Avoid generation of dust. Do not breathe dust. Evacuate personnel to safe areas.

Other Information
Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions

Environmental Precautions
Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities
Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. 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.

Precautions for safe handling

Protective measure
Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. 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.

Advice on general occupational hygiene
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measure.
## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>CAS #</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>crystalline silica non-respirable</td>
<td>14808-60-7</td>
<td>OSHA PEL Z3 (United States, 9/2005). Notes: 250/(%SiO2+2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 250 MPPCF / (%SiO2+2) 8 hours. Form: Respirable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Z3 (United States, 9/2005). Notes: 10/(SiO2+2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 10 MG/M3 / (%SiO2+2) 8 hours. Form: Respirable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV (United States, 3/2012).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH REL (United States, 1/2013).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 0.05 mg/m³ 10 hours. Form: respirable dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Z3 (United States, 9/2005). Notes: 30/(%SiO2+2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 30 MG/M3 / (%SiO2+2) 8 hours. Form: Total dust.</td>
</tr>
</tbody>
</table>

### Canada

### Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>List name</th>
<th>TWA (8 hours)</th>
<th>STEL (15 mins)</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>glass, oxide, chemicals</td>
<td>US ACGIH 3/2012</td>
<td>5 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>AB 4/2009</td>
<td>5 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>BC 4/2012</td>
<td>5 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>ON 1/2013</td>
<td>10 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>QC 12/2012</td>
<td>10 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Talc, not containing asbestiform fibres</td>
<td>AB 4/2009</td>
<td>2 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>BC 4/2012</td>
<td>2 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>ON 1/2013</td>
<td>2 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>crystalline silica non-respirable</td>
<td>QC 12/2012</td>
<td>3 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>US ACGIH 3/2012</td>
<td>0.025 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>BC 4/2012</td>
<td>0.025 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>ON 1/2013</td>
<td>0.1 ppm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>QC 12/2012</td>
<td>0.1 ppm</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Form:**

[a] Inhalable fraction
[b] Respirable fibers: length greater than 5 µm; aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective) phase contrast illumination.
[c] Fibres: total particulate
[d] Inhalable
[e] Fiber
[f] Inhalable fraction: means that size fraction of the airborne particulate deposited anywhere in the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 100 µm at 50 per cent collection efficiency.
[g] Respirable fibres: length > 5µm; aspect ratio ≥3:1, as determined by the membrane filter method at 400-450 times magnification (4-mm objective), using phase-contrast illumination.

[1] RESPIRABLE FIBRES (other than respirable asbestos fibres): Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter...
of less than 3 µm and a ratio of length to diameter of more than 3 :1. [j]Total dust. [k]Respirable particulate
[l]Respirable [m]Respirable fraction: means that size fraction of the airborne particulate deposited in the gas-
exchange region of the respiratory tract and collected during air sampling with a particle size- selective device
that, (a) meets the ACGIH particle size–selective sampling criteria for airborne particulate matter; and (b) has the
cut point of 4 µm at 50 per cent collection efficiency. [n]The value is for particulate matter containing no asbestos
and < 1 per cent crystalline silica. [o]Respirable dust. [p]Respirable fraction

| Appropriate engineering controls | No special ventilation requirements. Good general ventilation should be sufficient to
|                               | control worker exposure to airborne contaminants. If this product contains ingredients
|                               | with exposure limits, use process enclosures, local exhaust ventilation or other
|                               | engineering controls to keep worker exposure below any recommended or statutory
|                               | limits. |

| Environmental exposure controls | Emissions from ventilation or work process equipment should be checked to ensure
|                                | they comply with the requirements of environmental protection legislation. In some
|                                | cases, fume scrubbers, filters or engineering modifications to the process equipment
|                                | will be necessary to reduce emissions to acceptable levels. |

### Individual protection measures

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using
the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially
contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash
contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation
location.

#### Respiratory protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment
indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the
hazards of the product and the safe working limits of the selected respirator.

#### Skin Protection

**Hand 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 case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

#### Body protection

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.

#### Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### 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.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Beige.-White.</td>
<td>Odor Pungent. Sulfurous</td>
</tr>
<tr>
<td>Color</td>
<td>Beige.-White.</td>
<td>Odor Threshold No information available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>93° C</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.925</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble in water</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>&gt;200° C</td>
<td>None known</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Softening Point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>0</td>
<td>None known</td>
</tr>
<tr>
<td>Particle Size</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to avoid
Excessive heat.
Incompatible materials

Hazardous Decomposition Products
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Product / ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-tris (dimethylaminomethyl)phenol</td>
<td>LD 50 Dermal</td>
<td>Rat</td>
<td>1280 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD 50 Oral</td>
<td>Rat</td>
<td>1200 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Irritation/Corrosion

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>reaction product: bisphenol-A- (epichlorhydrin); epoxy resin</td>
<td>Eyes – Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>100 milligrams</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin – Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 microliters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin – Severe irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>2,4,6-tris (dimethylaminomethyl)phenol</td>
<td>Eyes-Severe irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 50 micrograms</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin – Mild irritant</td>
<td>Rat</td>
<td>-</td>
<td>0.025 Milliliters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin – Severe irritant</td>
<td>Rat</td>
<td>-</td>
<td>0.25 Milliliters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin – Severe irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 2 milligrams</td>
<td>-</td>
</tr>
</tbody>
</table>

Sensitization
No specific data.

Mutagenicity
No specific data.

Carcinogenicity
No specific data.

Classification

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>OSHA</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica non-respirable</td>
<td>-</td>
<td>1</td>
<td>Known to be a human carcinogen.</td>
</tr>
</tbody>
</table>

Reproductive toxicity
No specific data.

Teratogenicity
No specific data.

Specific target organ toxicity (single exposure)
No specific data.

Specific target organ toxicity (repeated exposure)
No specific data.

Aspiration hazard
No specific data.

Information on the likely routes of exposure
Not available

Potential acute health effects

Eye contact
Causes serious eye irritation.

Inhalation
Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin contact
 Causes skin irritation. May cause an allergic skin reaction.

Ingestion
Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact
Adverse symptoms may include the following:
- pain and irritation
- watering
- redness
Inhalation

No specific data.

Skin contact

Adverse symptoms may include the following:
irritation
redness

Ingestion

No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure

**Short term exposure**

- **Potential immediate effects**: Not available
- **Potential delayed effects**: Not available

**Long term exposure**

- **Potential immediate effects**: Not available
- **Potential delayed effects**: Not available

**Potential chronic health effects**

- **General**: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- **Carcinogenicity**: No known significant effects or critical hazards.
- **Mutagenicity**: No known significant effects or critical hazards.
- **Teratogenicity**: No known significant effects or critical hazards.
- **Developmental effects**: No known significant effects or critical hazards.
- **Fertility effects**: No known significant effects or critical hazards.

**Numerical measures of toxicity**

- **Acute toxicity estimates**: No specific data.

### 12. ECOLOGICAL INFORMATION

**Toxicity**

No specific data.

**Persistence and degradability**

No specific data.

**Bioaccumulative potential**

<table>
<thead>
<tr>
<th>Product / Ingredient name</th>
<th>LogP&lt;sub&gt;ow&lt;/sub&gt;</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin</td>
<td>2.64 to 3.78</td>
<td>31</td>
<td>low</td>
</tr>
</tbody>
</table>

**Mobility in soil**

- **Soil/water partition coefficient (K<sub>oc</sub>)**: Not available
- **Other adverse effects**: No known significant effects or critical hazards.
13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
<th>Proper Shipping Name</th>
<th>NOT REGULATED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hazard Class</td>
<td>NON REGULATED</td>
</tr>
<tr>
<td></td>
<td>Marine Pollutant</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>This product contains a chemical which is listed as a marine pollutant according to DOT</td>
</tr>
<tr>
<td>TDG</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>MEX</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>ICAO</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>IATA</td>
<td>Proper Shipping Name</td>
<td>NON REGULATED</td>
</tr>
<tr>
<td></td>
<td>Hazard Class</td>
<td>N/A</td>
</tr>
<tr>
<td>IMDG/IMO</td>
<td>Hazard Class</td>
<td>Not regulated</td>
</tr>
<tr>
<td></td>
<td>Marine Pollutant</td>
<td>Product is a marine pollutant according to the criteria set by IMDG/IMO</td>
</tr>
<tr>
<td>RID</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>ADR</td>
<td></td>
<td>Not regulated</td>
</tr>
<tr>
<td>ADN</td>
<td></td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

**United States**

**U.S. Federal regulations**

- **TSCA 8(a) PAIR**: Siloxanes and Silicones, di-Me, reaction products with silica
- **TSCA 8(a) CDR Exempt/Partial exemption**: Not determined
- **United States inventory (TSCA 8b)**: All components are listed or exempted.

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

Not listed

**Clean Air Act Section 602 Class I Substances**

Not listed

**Clean Air Act Section 602 Class II Substances**

Not listed
SARA 302/304

Composition/information on ingredients  No products were found

SARA 304 RQ  Not applicable

SARA 311/312

Classification  Immediate (acute) health hazard

Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>Fire hazard</th>
<th>Sudden release of pressure</th>
<th>Reactive</th>
<th>Immediate (acute) health hazard</th>
<th>Delayed (chronic) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-tris(dimethylyaminomethyl)phenol</td>
<td>1-5</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>Yes.</td>
<td>No.</td>
</tr>
<tr>
<td>Crystalline silica non-respirable</td>
<td>0.1-1</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>Yes.</td>
</tr>
</tbody>
</table>

State regulations

Massachusetts  The following components are listed: SOAPSTONE; MINERAL WOOL FIBER

New York  None of the components are listed.

New Jersey  The following components are listed: SOAPSTONE, SILICA, QUARTZ; QUARTZ (SiO2); FERROSILICON; FERROCERIUM

Pennsylvania  The following components are listed: SOAPSTONE DUST, QUARTZ (SiO2)

Minnesota Hazardous Substances  None of the components are listed.

California Prop. 65  **WARNING:** This product contains a chemical known to the State of California to cause cancer

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Cancer</th>
<th>Reproductive</th>
<th>No significant risk level</th>
<th>Maximum acceptable dosage level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Talc, not containing asbestiform fibres</td>
<td>Yes.</td>
<td>No.</td>
<td></td>
<td>No.</td>
</tr>
<tr>
<td>Crystalline silica non-respirable</td>
<td>Yes.</td>
<td>No.</td>
<td></td>
<td>No.</td>
</tr>
<tr>
<td>Carbon black non-respirable</td>
<td>Yes.</td>
<td>No.</td>
<td></td>
<td>No.</td>
</tr>
</tbody>
</table>

Canada

WHMIS (Canada)  Class D-2A: Material causing other toxic effects (Very toxic).
Class D-2B: Material causing other toxic effects (Toxic).

Canadian lists

Canadian NPRI  None of the components are listed.
CEPA Toxic substances
None of the components are listed.

Canada inventory
All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

International regulations

International lists
Australia inventory (AICS): All components are listed or exempted.
China inventory (IECSC): Not determined.
Japan inventory: Not determined.
Korea inventory: All components are listed or exempted.
Malaysia Inventory (EHS Register): Not determined.
New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.
Philippines inventory (PICCS): All components are listed or exempted.
Taiwan inventory (CSNN): Not determined.

Substances of very high concern
None of the components are listed.

16. OTHER INFORMATION

Key to abbreviations
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
UN = United Nations

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End of Safety Data Sheet