SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER
Product Name: 100% Solids Epoxy Grout Part A
Product Code: Not available.

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE
Use: Epoxy.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
Name/Address: Custom Building Products
3490 Piedmont Road, Suite 1300
Atlanta, GA 30305

Telephone Number: (562) 598-8808

1.4 EMERGENCY TELEPHONE NUMBER
Emergency Telephone Number: INFOTRAC 1-800-535-5053 (US and Canada)
INTERNATIONAL + 1-352-323-3500

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL

Skin irritation 2
Serious eye irritation 2A
Skin sensitization 1
Carcinogenicity 2

Hazard class

2.2 LABEL ELEMENTS

Hazard Pictogram:

Signal Word: Warning

Hazard Statement: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer.

Prevention: Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Response: 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. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice. If swallowed: Do NOT induce vomiting. Rinse mouth. Call a POISON CENTER or doctor/physician immediately.
SAFETY DATA SHEET

100% Solids Epoxy Grout Part A

advice/attention. Take off contaminated clothing and wash it before reuse. If exposed or concerned: Get medical advice/attention.

Storage:
Store locked up.

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

2.3 ADDITIONAL INFORMATION

Hazards not otherwise classified: Not applicable.

2.3 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No</th>
<th>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenol, 4,4’-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane</td>
<td>25068-38-6</td>
<td>40 - 70</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>15 - 40</td>
</tr>
<tr>
<td>Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</td>
<td>68609-97-2</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Silica, amorphous, fumed</td>
<td>7631-86-9</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Section 4: FIRST- AID MEASURES

4.1 DESCRIPTION OF THE FIRST AID MEASURE

Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Skin: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin: Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause sensitization by skin contact.

Inhalation: May cause respiratory irritation.
SAFETY DATA SHEET

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED**

**Note to Physicians:** Symptoms may not appear immediately.

**Specific Treatments:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

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**Section 5: FIRE-FIGHTING MEASURES**

**5.1 FLAMMABILITY**

**Flammability:** Not flammable by WHMIS/OSHA criteria.

**5.2 EXTINGUISHING MEDIA**

**Suitable Extinguishing Media:** Treat for surrounding material.

**Unsuitable Extinguishing Media:** Not available.

**5.3 SPECIAL HAZARDS ARISING FROM THE CHEMICAL**

**Products of Combustion:** May include, and are not limited to: oxides of carbon.

**Explosion Data:**

- **Sensitivity to Mechanical Impact:** Not available.
- **Sensitivity to Static Discharge:** Not available.

**5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS**

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

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**Section 6: ACCIDENTAL RELEASE MEASURES**

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP**

**Methods for Containment:** Contain and/or absorb spill with inert material, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Cleaning-Up:** Scoop up material and place in a disposal container.

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**Section 7: HANDLING AND STORAGE**

**7.1 PRECAUTIONS FOR SAFE HANDLING**

**Handling:** Avoid contact with skin and eyes. Do not swallow. Avoid breathing vapour or mist. Handle and open container with care. When using do not eat or drink. (See section 8)

**General Hygiene Advice:** Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Storage: Keep out of the reach of children. Keep container tightly closed. (See section 10)

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS
Exposure Guidelines

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Occupational Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenol, 4,4’-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane</td>
<td>OSHA-PEL Not available.</td>
</tr>
<tr>
<td>Silicon dioxide</td>
<td>ACGIH-TLV Not available.</td>
</tr>
<tr>
<td>Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</td>
<td>15 mg/m³ (total dust)</td>
</tr>
<tr>
<td>Silica, amorphous, fumed</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

8.2 EXPOSURE CONTROLS
Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

8.3 INDIVIDUAL PROTECTIVE MEASURES
Personal Protective Equipment:
  Eye/Face Protection: Safety glasses or goggles are recommended when using product.
  Skin Protection:
    Hand Protection: Wear suitable gloves.
    Body Protection: Wear suitable protective clothing.
  Respiratory Protection: A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA’s respirator standard (29 CFR 1910.134) and ANSI’s standard for respiratory protection (Z88.2).
  General Health and Safety Measures: Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Paste-like compound.
Color: Not available.
Odor: Not available.
Odor Threshold: Not available.
Physical State: Liquid.
pH: Not available.
Melting Point/Freezing Point: Not available.
SAFETY DATA SHEET

Initial Boiling Point and Boiling Range: Not available.
Flash Point: Not available.
Evaporation Rate: Not available.
Flammability: Not Flammable.
Lower Flammability/Explosive Limit: Not available.
Upper Flammability/Explosive Limit: Not available.
Vapor Pressure: Not available.
Vapor Density: Not available.
Relative Density/Specific Gravity: Not available.
Solubility: Not available.
Partition coefficient: n-octanol/water: Not available.
Auto-ignition Temperature: Not available.
Decomposition Temperature: Not available.
Viscosity: Not available.
Oxidizing Properties: Not available.
Explosive Properties: Not available.

Section 10: STABILITY AND REACTIVITY

10.1 REACTIVITY
No dangerous reaction known under conditions of normal use.

10.2 CHEMICAL STABILITY
Stable under normal storage conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS
No dangerous reaction known under conditions of normal use.

10.4 CONDITIONS TO AVOID
Heat. Incompatible materials.

10.5 INCOMPATIBLE MATERIALS
Oxidizers. Strong acids.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS
May include, and are not limited to: oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS
Likely Routes of Exposure: Skin contact, skin absorption, eye contact, inhalation, and ingestion.
Symptoms related to physical/chemical/toxicological characteristics:
   Eye: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
SAFETY DATA SHEET

Skin: Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause sensitization by skin contact.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Inhalation: May cause respiratory tract irritation.

Acute Toxicity:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenol, 4,4’-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane</td>
<td>Not available.</td>
<td>Oral 11400 mg/kg, rat Dermal &gt; 20 mL/kg, rabbit</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>Not available.</td>
<td>Oral &gt;10000 mg/kg, rat Dermal &gt;10000mg/kg, rabbit</td>
</tr>
<tr>
<td>Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</td>
<td>Not available.</td>
<td>Oral 17100 mg/kg, rat</td>
</tr>
<tr>
<td>Silica, amorphous, fumed</td>
<td>Inhalation &gt;58.8 mg/L 4 hr, rat</td>
<td>Oral &gt;5000 mg/kg, rat Dermal &gt;2000 mg/kg, rabbit</td>
</tr>
</tbody>
</table>

Calculated overall Chemical Acute Toxicity Values

<table>
<thead>
<tr>
<th>LC50 (inhalation)</th>
<th>LD50 (oral)</th>
<th>LD50 (dermal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 20 mg/L 4 hr, rat</td>
<td>&gt; 2000 mg/kg, rat</td>
<td>&gt; 2000 mg/kg, rabbit</td>
</tr>
</tbody>
</table>

Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenol, 4,4’-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane</td>
<td>Not listed.</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>G-A4, I-2B, O, CP65</td>
</tr>
<tr>
<td>Silica, amorphous, fumed</td>
<td>I-3</td>
</tr>
</tbody>
</table>

11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory Sensitization: Based on available data, the classification criteria are not met.

Skin Sensitization: May cause an allergic skin reaction.

STOT-Single Exposure: Based on available data, the classification criteria are not met.

Chronic Health Effects:

Carcinogenicity: Suspected of causing cancer.

Germ Cell Mutagenicity: This product is not classified as a mutagen.

Reproductive Toxicity:

Developmental: Based on available data, the classification criteria are not met.

Teratogenicity: Not hazardous by WHMIS/OSHA criteria.

Embryotoxicity: Not hazardous by WHMIS/OSHA criteria.

Fertility: Based on available data, the classification criteria are not met.

STOT-Repeated Exposure: Based on available data, the classification criteria are not met.
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Aspiration Hazard: Based on available data, the classification criteria are not met.
Toxicologically Synergistic Materials: Not available.
Other Information: Not available.

Section 12: ECOLOGICAL INFORMATION

12.1 ECOTOXICITY
Acute/Chronic Toxicity: May cause long-term adverse effects in the aquatic environment.

12.2 PERSISTENCE AND DEGRADABILITY
Not available.

12.3 BIOACCUMULATIVE POTENTIAL
Bioaccumulation: Not available.

12.4 MOBILITY IN SOIL
Not available.

12.5 OTHER ADVERSE EFFECTS
Not available.

Section 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS
Disposal Method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.
Other disposal recommendations: Not available.

Section 14: TRANSPORT INFORMATION

14.1 UN NUMBER
DOT TDG
Not regulated. Not regulated.

14.2 UN PROPER SHIPPING NAME
DOT TDG
Not applicable. Not applicable.

14.3 TRANSPORT HAZARD CLASS (ES)
DOT TDG
Not applicable. Not applicable.

14.4 PACKING GROUP
DOT TDG
Not applicable. Not applicable.

14.5 ENVIRONMENTAL HAZARDS
Not available.
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14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not available.

14.7 SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

Section 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

Canada: 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.


<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Section 302 (EHS) TPQ (lbs.)</th>
<th>Section 304 EHS RQ (lbs.)</th>
<th>CERCLA RQ (lbs.)</th>
<th>Section 313</th>
</tr>
</thead>
</table>

State Regulations

California Proposition 65:

This product contains a chemical known to the state of California to cause cancer.

Global Inventories:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Canada DSL/NDSL</th>
<th>USA TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenol, 4,4’-(1-methyleneidene)bis-, polymer with (chloromethyl)oxirane</td>
<td>DSL</td>
<td>Yes.</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>DSL</td>
<td>Yes.</td>
</tr>
<tr>
<td>Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</td>
<td>DSL</td>
<td>Yes.</td>
</tr>
<tr>
<td>Silica, amorphous, fumed</td>
<td>DSL</td>
<td>Yes.</td>
</tr>
</tbody>
</table>

NFPA National Fire Protection Association:

Health: 2
Fire: 0
Reactivity: 0

HMIS-Hazardous Materials Identification System:

Health: 2*
Fire: 0
Reactivity: 0
SAFETY DATA SHEET

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

WHMIS Classification(s):
Class D2A – Carcinogenicity
Class D2B - Skin Sensitization
Class D2B - Skin/Eye Irritant

WHMIS Hazard Symbols:

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65 California Proposition 65
OSHA (O) Occupational Safety and Health Administration.
ACGIH (G) American Conference of Governmental Industrial Hygienists.
A1 - Confirmed human carcinogen.
A2 - Suspected human carcinogen.
A3 - Animal carcinogen.
A4 - Not classifiable as a human carcinogen.
A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.
1 - The agent (mixture) is carcinogenic to humans.
2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.
1 - Known to be carcinogens.
2 - Reasonably anticipated to be carcinogens.

Section 16: OTHER INFORMATION

Date of Preparation: March 26, 2013
Expiry Date: March 8, 2019
Version: 1.1
Revision Date: March 8, 2016

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Phone: (519) 488-5126
www.nexreg.com

Prepared for: Custom Building Products

End of Safety Data Sheet