1. Product and Company Identification

Product Names: Countertop Clear
Product Class: Epoxy Resin
Manufacturer: Concrete Restoration Products
1772-J Ave de Los Arboles #395
Thousand Oaks Ca 91362
Telephone: 855-846-8277
Emergency: 800-424-9300 (ChemTrec)

2. Hazard Identification

Form: Viscous liquid.
OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Emergency Overview: WARNING!
CAUSES EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION. HEATED MATERIAL CAN CAUSE THERMAL BURNS.

Potential Acute Health Effects:
Inhalation: Slightly irritating to the respiratory system.
Ingestion: Not expected to be harmful under normal conditions of use.
Skin: Irritating to skin. May cause sensitization by skin contact. Heated material can cause thermal burns.
Eyes: Irritating to eyes. Heated material can cause thermal burns.

Potential Chronic Health Effects:
Chronic Effects: No known significant effects or critical hazards.
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.
Target organs: Review Section 2 and 11 for any additional assessments.

Over-Exposure Signs/Symptoms:
Inhalation: Adverse symptoms may include the following: respiratory tract irritation, Coughing.
Ingestion: No specific data.
Skin: Adverse symptoms may include the following: irritation, redness.
Eyes: Adverse symptoms may include the following: pain or irritation, Watering, redness.

Medical Conditions aggravated by over-exposure: Pre-existing skin disorders may be aggravated by over-exposure to this product.
See Section 11 for more detailed information on health effects and symptoms.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4’-Isopropylideniphenol-Epichlorohydrin Copolymer</td>
<td>25068-38-6</td>
<td>70-100%</td>
</tr>
</tbody>
</table>
4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of 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. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. For contact with hot product, flush contaminated skin with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze. Get medical attention immediately.

Inhalation: Move exposed person to fresh air. Keep person warm and at rest. 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 air 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.

Ingestion: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. 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.

Protection of First Aid Personnel: In the event of body contact with molten material, immediately cool with running water; do not attempt to remove material from skin. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Notes to Physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-Fighting Measures

Flammability of Product: In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing Media:
- Suitable: Use an extinguishing agent suitable for the surrounding fire.
- Not Suitable: None known.

Special Exposure Hazards: 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.

Hazardous Combustion Products: Decomposition products may include the following materials: carbon oxides.

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 positive pressure mode.
6. Accidental Release Measures

**Personal Precautions:** 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

**Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Large Spill:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. For molten material, allow the product to cool and solidify. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

**Small Spill:** Stop leak if without risk. Move containers from spill area. For molten material, allow the product to cool and solidify. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

7. Handling and Storage

**Handling:** Put on appropriate personal protective equipment (see section 8). 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. 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 breathe vapor or mist. Do not 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.

**Storage:** 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. Note: This resin may be handled, shipped and stored at elevated temperature in bulk.

8. Exposure Controls/Personal Protection

Consult local authorities for acceptable exposure limits.

**Recommended Monitoring Procedures:** If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respirator protective equipment.

**Engineering Measures:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor 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.

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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory: Use a properly fitted, air-purifying or air-fed 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.

Eyes: 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.

Skin: 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.

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.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Flash Point</td>
<td>251°C (484°F) Pensky-Martens Closed Cup ASTM D 93</td>
</tr>
<tr>
<td>Auto-Ignition</td>
<td>Not Available</td>
</tr>
<tr>
<td>Temperature Flammable limits</td>
<td></td>
</tr>
<tr>
<td>Lower:</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper:</td>
<td>Not available</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Greater than 260°C (500°F)</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.17</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>0.03 mbar @ 77 °C (171°F)</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Dynamic – Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Partition coefficient: n- Octonanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

Stability The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid Strong oxidizer

Materials to Avoid Reactive or incompatible with the following materials: oxidizing materials, strong acids, strong alkalis

Other Hazards Reacts with considerable heat release with some curing agents
11. Toxicological Information

Acute toxicity 4,4-Isopropylidenediphenol-Epiphenol Epoxy Copolymer

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>LD50 Oral Rat</th>
<th>LD50 Oral Mouse</th>
<th>LD50 Oral Rabbit</th>
<th>LD50 Dermal Rat</th>
<th>LD50 Dermal Mouse</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30,000 mg/kg</td>
<td>20,000 mg/kg</td>
<td>19.8 mg/kg</td>
<td>&gt;1,200 mg/kg</td>
<td>&gt;1,270 mg/kg</td>
</tr>
</tbody>
</table>

Other Toxicological Information

Carcinogenicity 4,4-Isopropylidenediphenol-Epiphenol Epoxy Copolymer

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>EEC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not Classified</td>
<td>Not Classified</td>
<td>Not Classified</td>
<td>Not Classified</td>
<td>Not Classified</td>
</tr>
</tbody>
</table>

12. Ecological Information

Environmental effects  No known significant effects or critical hazards.

Other Adverse effects  No known significant effects or critical hazards

13. Disposal Considerations

Waste Disposal  The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14: Transport Information

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

<table>
<thead>
<tr>
<th>International Transport Regulations</th>
<th>Regulatory Information</th>
<th>UN/NA</th>
<th>Proper Shipping Name</th>
<th>Classes/*PG</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFR</td>
<td>Non-Regulated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TDG</td>
<td>Non-Regulated</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>Non-Regulated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA (Cargo)</td>
<td>Non-Regulated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*PG: Packing Group</td>
<td></td>
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</tr>
</tbody>
</table>
15. Regulatory Information

US Regulations

HCS Classification
Irritating material, Sensitizing material

SARA 311/312 Classification
Immediate (acute) health hazard

SARA 313 – Supplier Notification
This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.
Not Required.

SARA 301 Extremely Hazardous Substances – None required

State Regulations
Massachusetts RTK Substances – None required
New jersey RTK Hazardous Substances – None required
Pennsylvania RTK Hazardous Substances – None required
California Prop. 65: Warning: This product contains a chemical known to the State of California to cause cancer. Oxirane, (phenoxymethyl) - 122-60-1

Canada

WHMIS (Canada) Class D-2B: material causing other toxic effects (Toxic)

Canadian lists
Canadian NPRI: None Required.

International Regulations

Chemical Inventories
Europe inventory – All components are listed or exempted
Australia inventory (AICS) – All components are listed or exempted
China inventory (IECSC) – All components are listed or exempted
Korea inventory (KECI) – All components are listed or exempted
Philippines inventory (PICCS) – All components are listed or exempted
Japan inventory (ENCS) – All components are listed or exempted
Canada inventory – All components are listed or exempted
United States inventory (TSCA 8b) – All components are listed or exempted

16. Other Information

Hazardous Material Information System III
Health: 2
Flammability: 1
Physical hazards: 0
Chronic: Caution: HNIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on MSDSs under CFR 1910.1200, the preparer may choose to provide them. HMIS ratings are to be used with a fully implemented HMIS program. HMIS is a registered mark of the National Paint & Coatings Association (NPCA).
The customer is responsible for determining the PPE code for this material.

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