Acrylic Crack Fillers

MATERIAL SAFETY DATA SHEET
(Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Road, Suite 1300
Atlanta, GA 30329

Emergency Telephone Number
(770) 216-9580

Information Telephone Number
(770) 216-9580

MSDS W2
Revision: Feb-10

QUIKRETE® Product Name | Code #
------------------------|------
GRAY CONCRETE CRACK SEAL | 8640-00
LATEX BLACKTOP CRACK SEAL | 8640-05

PRODUCT USE: ACRYLIC BASED COSMETIC SEALANT FOR REPAIR OF CONCRETE OR ASPHALT

SECTION II - HAZARD IDENTIFICATION

Route(s) of Entry: Inhalation, ingestion, skin
Acute Exposure: Inhalation of vapor or mist can cause the following: headache, nausea, irritation of nose, throat and lungs. Direct contact with eyes can cause irritation and possible corneal injury.
Chronic Exposure: None known
Carcinogenicity: Not carcinogenic
Carcinogenicity Listings: Not applicable
Medical Conditions Generally Aggravated by Exposure: None known

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS No.</th>
<th>PEL (OSHA) mg/M³</th>
<th>TLV (ACGIH) mg/M³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic Polymer</td>
<td>Not hazardous</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Limestone/Marble</td>
<td>1317-65-3</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

SECTION IV – First Aid Measures

Eyes: Immediately flush eye thoroughly with water – do not rub eyes. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Call physician immediately.
Skin: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists.
Inhalation: Remove person to fresh air. If coughing and other symptoms develop, seek medical attention.
Ingestion: If swallowed, give two glasses of water; If large amounts are ingested, induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability: Noncombustible and not explosive.
Auto-ignition Temperature: Not Applicable
Flash Points: Product may contain less than 1% of a solvent with a Flash Point of 120°C (248°F)
Unusual Hazards: This water-based dispersion can splatter at temperatures above 100°C (212°F). Polymer film can burn once the water has evaporated.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Contain spills immediately with inert materials (eg. Sand, earth). Scrape up and allow to harden before disposal. Use detergent and water to remove the remaining residue.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1°C (34°F). The maximum recommended storage temperature for this material is 38°C (100°F).

SECTION VIII – EXPOSURE CONTROL MEASURES

Engineering Controls: Not applicable
Personal Protection: The use of neoprene gloves is recommended.
Exposure Limits: Consult local authorities for acceptable exposure limits

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: White or tinted viscous liquid.
Boiling Point: ~100°C (212°F)
Solubility in Water: Dilutable
Odor: slight ether and ammonia odor
SECTION X - REACTIVITY DATA

Stability: This material is considered stable. Avoid temperatures above 177°C (350°F), the onset of polymeric decomposition. Thermal decomposition is dependent on time and temperature.

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents or strong alkalis.

Hazardous Decomposition or By-products: Thermal decomposition may yield acrylic monomers

Hazardous Polymerization: Will Not Occur.

Condition to Avoid: Maintain storage temperature between 1°C (34°F) and 38°C (100°F) to retain product utility.

SECTION XI – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion

Toxicity to Animals:
   LD50: Not Available
   LC50: Not Available

Chronic Effects on Humans: Not Available

Special Remarks on Toxicity: Not Available

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity: Not Available

BOD5 and COD: Not Available

Products of Biodegradation: Not available

Toxicity of the Products of Biodegradation: Not available

Special Remarks on the Products of Biodegradation: Not available

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: The packaging and material may be land filled once hardened. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302).

SECTION XIV – TRANSPORT INFORMATION

DOT/UN Shipping Name: Non-regulated

DOT Hazard Class: Non-regulated

Shipping Name: Non-regulated

Non-Hazardous under U.S. DOT and TDG Regulations

SECTION XV – OTHER REGULATORY INFORMATION

US OSHA 29CFR 1910.1200: Considered hazardous under this regulation and should be included in the employers hazard communication program
SARA (Title III) Sections 311 & 312: Qualifies as a hazardous substance with delayed health effects
SARA (Title III) Section 313: Not subject to reporting requirements
TSCA (May 1997): All components are on the TSCA inventory list
Federal Hazardous Substances Act: Is a hazardous substance subject to statues promulgated under the subject act
Canadian Environmental Protection Act: Not listed
Canadian WHMIS: Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada’s Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

SECTION XVI – OTHER INFORMATION

HMIS-III:

<table>
<thead>
<tr>
<th>Health</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No significant health risk</td>
</tr>
<tr>
<td>1</td>
<td>Irritation or minor reversible injury possible</td>
</tr>
<tr>
<td>2</td>
<td>Temporary or minor injury possible</td>
</tr>
<tr>
<td>3</td>
<td>Major injury possible unless prompt action is taken</td>
</tr>
<tr>
<td>4</td>
<td>Life threatening, major or permanent damage possible</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flammability</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Material will not burn</td>
</tr>
<tr>
<td>1</td>
<td>Material must be preheated before ignition will occur</td>
</tr>
<tr>
<td>2</td>
<td>Material must be exposed to high temperatures before ignition</td>
</tr>
<tr>
<td>3</td>
<td>Material capable of ignition under normal temperatures</td>
</tr>
<tr>
<td>4</td>
<td>Flammable gases or very volatile liquids; may ignite spontaneously</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical Hazard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Material is normally stable, even under fire conditions</td>
</tr>
<tr>
<td>1</td>
<td>Material normally stable but may become unstable at high temps</td>
</tr>
<tr>
<td>2</td>
<td>Materials that are unstable and may undergo react at room temp</td>
</tr>
<tr>
<td>3</td>
<td>Materials that may form explosive mixtures with water</td>
</tr>
<tr>
<td>4</td>
<td>Materials that are readily capable of explosive water reaction</td>
</tr>
</tbody>
</table>

Abbreviations:

- ACGIH: American Conference of Government Industrial Hygienists
- CAS: Chemical Abstract Service
- CERCLA: Comprehensive Environmental Response, Compensation & Liability Act
- CFR: Code of Federal Regulations
- CPR: Controlled Products Regulations (Canada)
- DOT: Department of Transportation
- IARC: International Agency for Research
- MSHA: Mine Safety and Health Administration
- NIOSH: National Institute for Occupational Safety and Health
- NTP: National Toxicity Program
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible Exposure Limit
- RCRA: Resource Conservation and Recovery Act
- SARA: Superfund Amendments and Reauthorization Act
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