Fireplace Mortar

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 T1
Revision: May-12

QUIKRETE® Product Name
FIREPLACE MORTAR

Product #
8620

Product Use: Silicate based refractory cement

SECTION II - HAZARD IDENTIFICATION

Route(s) of Entry: Skin, Ingestion
Acute Exposure: May cause severe eye irritation
Chronic Exposure: Prolonged contact will cause alkaline burns to the eyes or skin irritation and reddening
Signs and Symptoms of Exposure: Localized redness, swelling, itching or dryness. Gastrointestinal irritation if ingested.

Medical Conditions Generally Aggravated by Exposure: Skin diseases may be aggravated by contact

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>Kaolin</td>
<td>1332-58-7</td>
<td>15 total/5 respirable</td>
<td>2 respirable</td>
</tr>
<tr>
<td>Calcium Metasilicate</td>
<td>13983-17-0</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
<tr>
<td>Sodium Silicate</td>
<td>1344-09-8</td>
<td>Not Established</td>
<td>Not Established</td>
</tr>
</tbody>
</table>

SECTION IV – First Aid Measures

Eyes: Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids. 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. Seek immediate medical treatment in the event of burns.

Ingestion: Do not induce vomiting. Call a physician immediately.
SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability: Non-flammable
Auto-ignition Temperature: Not Applicable
Flash Points: Not Applicable

SECTION VI – ACCIDENTAL RELEASE MEASURES

If spilled, collect and place into covered container for disposal. Dispose of in accordance with local, state, and federal regulations.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Do not allow water to contact the product until time of use to preserve product utility. Store under normal warehouse conditions.

SECTION VIII – EXPOSURE CONTROL MEASURES

Engineering Controls: Local exhaust can be used to carry away water vapor as product dries.

Personal Protection: The use of barrier creams or impervious gloves (nitrile rubber or neoprene), boots and clothing to protect the skin from contact is recommended. Safety glasses with side shields are recommended. During grinding, scraping or sanding hardened product, a NIOSH approved N95 respirator is recommended.

Exposure Limits: Consult local authorities for acceptable exposure limits

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Paste (8620-21 Black, 8620-22 Buff, 8620-23 Gray)
Volatile Organic Compounds: 0% weight
Specific Gravity: 1.8
Boiling Point: Not Applicable
Vapor Density: Not Applicable
Solubility in Water: Partly soluble until heat cured
Melting Point: Not Applicable
Vapor Pressure: Not Applicable
Evaporation Rate: Not Applicable
 Odor: None

SECTION X - REACTIVITY DATA

Stability: Stable.
Incompatibility (Materials to Avoid): Contact with acid will cause evolution of heat
Hazardous Decomposition or By-products: None known
Hazardous Polymerization: Will Not Occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Routes of Entry: Skin, Ingestion
Toxicity to Animals:
LD50: Not Available
LD100: Not Available
LD99: Not Available
LD95: Not Available
LD90: Not Available
LD80: Not Available
LD70: Not Available
LD5: Not Available
LD4: Not Available
LD3: Not Available
LD2: Not Available
LD1: Not Available
LD0: Not Available
LD50 (oral): Not Available
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LD50 (eye): Not Available
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LD100 (oral): Not Available
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LD0 (inhalation): 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. 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

Not hazardous under U.S. DOT and TDG regulations.

SECTION XV – OTHER REGULATORY INFORMATION

US OSHA 29CFR 1910.1200:
SARA (Title III) § 313: This product contains Sodium Hydroxide (CAS# 1310-73-2) WT/WT%: 0.8-1.6%
TSCA (May 1997): All components are in compliance with the notification requirements of TSCA
Federal Hazardous Substances Act: Classified as an 'Immediate Hazard'
California Regulation: WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
Canadian Environmental Protection Act: Not listed
Canadian WHMIS Classification: Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations (Class D2A, E- Corrosive Material) 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

Abbreviations:
ACGIH American Conference of Government Industrial Hygienists
CAS Chemical Abstract Service
CERCLA Comprehensive Environmental Response, Compensation and Liability Act
CFR Code of Federal Regulations
CPR Controlled Products Regulations (Canada)
NIOSH National Institute for Occupational Safety and Health
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
RCRA Resource Conservation and Recovery Act
NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.