

Fireplace Mortar

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

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
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Information Telephone Number
(770) 216-9580

MSDS T1
Revision: Feb-10

QUIKRETE® Product Name
FIREPLACE MORTAR

Product #
8620

HEALTH		2
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION Safety Glasses, Gloves		

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

Hazardous Components	CAS No.	PEL (OSHA) mg/M ³	TLV (ACGIH) mg/M ³
Kaolin	1332-58-7	15 total/5 respirable	2 respirable
Calcium Metasilicate	13983-17-0	Not Established	Not Established
Sodium Hydroxide	1310-73-2	Not Established	Not Established
Sodium Silicate	1344-09-8	Not Established	Not Established

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

Melting Point: Not Applicable

Boiling Point: Not Applicable

Vapor Pressure: Not Applicable

Vapor Density: Not Applicable

Evaporation Rate: Not Applicable

Solubility in Water: Partly soluble until heat cured

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

CEMENT & CONCRETE PRODUCTS™**Toxicity to Animals:**

LD50: Not Available

LC50: 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. 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'**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

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RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TWA	Time-weighted Average
WHMIS	Workplace Hazardous Material Information System

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