

**QUIKRETE**

CEMENT &amp; CONCRETE PRODUCTS™

## A10: Water Based Products

**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 30305

Emergency Telephone Number  
 (770) 216-9580  
 Information Telephone Number  
 (770) 216-9580

MSDS A10  
 Revision: May-15

**QUIKRETE® Product Name**  
 FIREPLACE MORTAR

**Code #**  
 8620

**Product Use:** Silicate based refractory cement

### SECTION II - HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Skin Corrosion – Category 1B  
 Specific Target Organ Toxicity – Repeated Exposure – Category 2  
 Acute Oral Toxicity – Category 4

#### 2.2a Signal word DANGER

#### 2.2b Hazard Statements

Causes severe skin burns and serious eye damage  
 May cause respiratory irritation  
 Harmful if swallowed

#### 2.2c Pictograms



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## 2.2d Precautionary statements

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

Wear impervious gloves, such as nitrile or neoprene, and eye protection/clothing.

Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Use only in a well-ventilated area.

Do not breathe dust / vapors / fumes

Keep in original container. Absorb spills to prevent material damage. Store in corrosive resistant container with a resistant inner liner.

If on skin (or hair): Immediately take off all contaminated clothing and wash before reuse. Rinse skin or hair with water.

If in eyes: Rinse cautiously with water for several minutes; remove contact lenses if easy to do; continue rinsing.

If swallowed: Rinse mouth; do NOT induce vomiting. Immediately seek medical advice or attention.

**Immediately seek medical advice or attention if symptoms are significant or persist.**

Dispose of contents and container in accordance with all regulations.

## 2.3 Additional Information

**2.3A HNOC – Hazards not otherwise classified:** Not applicable

**2.3B Unknown Acute Toxicity:** None

### 2.3C WHMIS Classification

E- Corrosive to skin

E – TDG Class 8 – Corrosive Substance

### 2.3d Label Elements According To WHMIS

#### Hazard Symbols



#### Signal Word

Warning

**SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b><u>Hazardous Components</u></b>	<b><u>CAS No.</u></b>	<b><u>% by Weight</u></b>
Kaolin Clay	1332-58-7	40-50
Sodium Silicate	1334-09-8	40-50
Water	7732-18-5	10-30
Calcium Metasilicate	13983-17-0	5-10
Sodium Hydroxide	1310-73-2	0-2

Composition ranges provided due to batch-to-batch variability.  
None of the constituents of this product are of unknown toxicity.

**SECTION IV – FIRST AID MEASURES****General information:**

Immediately remove any clothing soiled by the product.

**After inhalation:** Remove person to fresh air and keep comfortable for breathing.

**After skin contact:** Immediately take off all contaminated clothing and wash before reuse. Rinse skin or hair with water.

**After eye contact:** Rinse cautiously with water for several minutes; remove contact lenses if easy to do; continue rinsing. Call a doctor immediately.

**After swallowing:** DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Acute/Delayed Symptoms:** Immediately seek medical advice or attention if symptoms are significant or persist.

**SECTION V - FIRE FIGHTING MEASURES**

**5.1 Flammability of the Product:** Non-flammable and non-combustible

**5.2 Suitable extinguishing agents:** Treat for surrounding material

**5.3 Special hazards arising from the substance or mixture:** None

**5.3a Products of Combustion:** None

**5.3b Explosion Hazards in Presence of Various Substances:** Non-explosive in presence of shocks

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures:** Wear personal protective equipment (See section VIII). Keep unprotected persons away.

**6.2 Methods and material for containment and cleaning up:**

Do not allow to enter sewers/ surface or ground water. Dispose of unwanted materials and containers properly in accordance with all regulations.

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**SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION**

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**8.1 Components with limit values that require monitoring at the workplace:**

Hazardous Components	CAS No.	PEL (OSHA) mg/M <sup>3</sup>	TLV (ACGIH) mg/M <sup>3</sup>
None			

**8.2 Exposure Controls**

Use ventilation adequate to keep exposures below recommended exposure limits.

**8.3 General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. This product will etch glass, enamel, aluminum, and some other metals.

**8.3a Personal protective equipment****Protection of hands:**

Wear gloves of adequate length to offer appropriate skin protection from splashes. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact.

**Eye protection:**

Wear approved eye protection (properly fitted dust- or splash-proof chemical safety glasses).

**Respiratory protection:**

Not required under normal conditions of use.

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**SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS**

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**General Information****Appearance**

Form: Paste  
Color: Black, Buff, Gray  
Odor: Vinyl Acetate

**pH-value at 20°C (68 °F):**

Not Available

**Boiling point/Boiling range:**

Not Applicable



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**Auto igniting:** Product is not self-igniting.  
**Vapor pressure at 21°C (70°F)** Not Applicable  
**Density at 25°C (77 °F):** 1.8  
**Solubility in / Miscibility with Water:** Partially soluble until heat cured  
**VOC content:** 0 g/L VOC

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## SECTION X – STABILITY AND REACTIVITY

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### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal storage conditions. Keep in dry storage.

### 10.3 Possibility of hazardous reaction

No dangerous reaction known under conditions of normal use.

### 10.4 Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

### 10.5 Incompatible materials

Product will etch glass

### 10.6 Hazardous Decomposition or By-products

None known

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## SECTION XI – TOXICOLOGICAL INFORMATION

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**11.1 Exposure Routes:** Skin contact, eye contact, inhalation or ingestion.

### 11.2 Symptoms related to physical/chemical/toxicological characteristics:

**Inhalation:** May cause respiratory tract irritation.

**Skin contact:** Causes skin irritation.

**Eye Contact:** Causes serious eye damage.

**Ingestion:** Harmful if swallowed.

### 11.3 Delayed, immediate and chronic effects of short-term and long-term exposure

#### Short Term

**Skin Corrosion/Irritation:** Causes severe skin burns.

**Serious Eye Damage/Irritation:** Causes severe eye damage.

**Respiratory Sensitization:** Not available

**Skin Sensitization:** Not available

**Specific Target Organ Toxicity-Single Exposure:** None known

**Aspiration Hazard:** Not available

#### Long Term


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Carcinogenicity: Not available  
 Germ Cell Mutagenicity: Not available  
 Reproductive Toxicity: Not available  
 Specific Target Organ Toxicity- Repeated Exposure: (Category 2) May cause respiratory irritation.  
 Synergistic/Antagonistic Effects: Not available.

**SECTION XII – ECOLOGICAL INFORMATION**
**12.1 Ecotoxicity**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or un-neutralized

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential:**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Other Adverse Effects**

No further relevant information available.

**SECTION XIII – DISPOSAL CONSIDERATIONS**
**13.1 Waste Disposal Method**

This product cleans easily when wet; material dries hard and adheres strongly. Product may develop sharp edges when hardened. The packaging and material may be land filled; however, material should be covered to minimize generation of airborne dust. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302). Disposal must be made in accordance with local, state and federal regulations.

**13.2 Other disposal considerations**
**Uncleaned packaging**

**Recommendation:** Disposal must be made in accordance with local, state and federal regulations.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

**SECTION XIV – TRANSPORT INFORMATION**
**DOT (U.S.)**
**TDG (Canada)**



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UN-Number	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated
Transport Hazard Class(es)	Not Regulated	Not Regulated
Packing Group (if applicable)	Not Regulated	Not Regulated

**14.1 Environmental hazards:**

Not Available

**14.2 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code**

Not available

**14.3 Special precautions for user**

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

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**SECTION XV – OTHER REGULATORY INFORMATION**


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**15.1 Safety, Health and Environmental Regulations/Legislations specific for the chemical****Canada**

**WHMIS Classification:** 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 document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

**15.2 US Federal Information****SARA 302/311/312/313 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, 311, 312 or 313.

**RCRA:** Not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR §261 et seq.

**CERCLA:** Not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.

**Emergency Planning and Community Right to Know Act (SARA Title III):** Not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.

**NTP:** Not classified as Known to be a Human Carcinogen.

**OSHA Carcinogen:** Not listed.

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**15.3 State Right to Know Laws**

**California Prop. 65 Components**

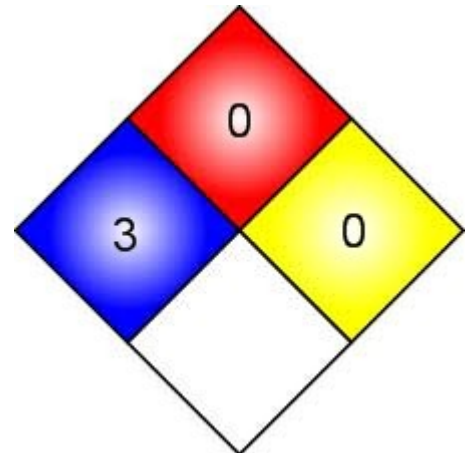
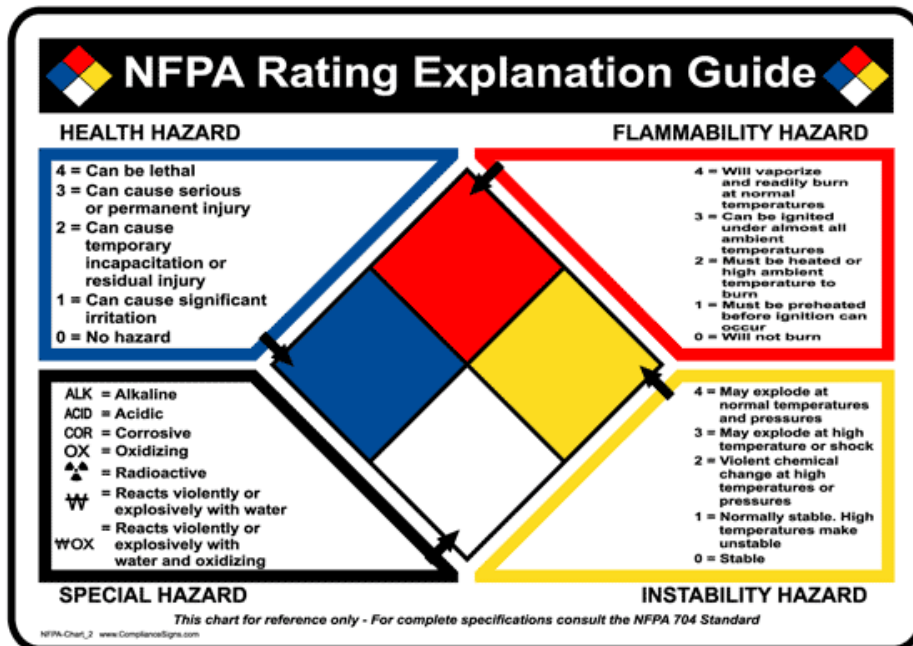
**WARNING:** This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**15.4 Global Inventories**

**DSL** All components of this product are on the Canadian DSL list.

**TSCA No.:** Crystalline silica (quartz) appears on the EPA TSCA inventory under the CAS No. 14808-60-7. All constituents are listed in the TSCA inventory.

**15.5 NFPA Ratings**



**SECTION XVI – OTHER INFORMATION**

**Last Updated: May 27, 2015**

**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.

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**End of SDS**