



## A1: Water Based Products

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

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#### SECTION I: PRODUCT IDENTIFICATION

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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 A1  
Revision: May-15

**QUIKRETE® Product Name**  
CONCRETE BONDING ADHESIVE

**Code #**  
9902

**Product Use:** Liquid bonding agent for bonding new concrete to old

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#### SECTION II - HAZARD IDENTIFICATION

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**Hazard-determining components of labeling:** Acrylic polymer

##### 2.1 Classification of the substance or mixture

Eye Irritation – Category 2B

Skin Sensitization – Category 1B

Specific Target Organ Toxicity – Single Exposure- Category 3

Acute Toxicity – Oral – Category 4

##### 2.2a Signal word Warning

##### 2.2b Hazard Statements

Causes eye irritation

May cause an allergic skin reaction

May cause respiratory, eye or gastrointestinal irritation.

Prolonged or repeated exposure may cause skin irritation

Harmful if swallowed

## 2.2c Pictograms



## 2.2d Precautionary statements

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

Wear protective gloves and eye protection

Do not eat, drink or smoke when using this product.

Wash thoroughly after handling.

Use only in a well-ventilated area.

Do not breathe vapors.

If on skin (or hair): Remove immediately all contaminated clothing and wash before re-use. Rinse skin or hair with water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If swallowed: Rinse mouth, do NOT induce vomiting.

If significant skin irritation or rash occurs: get medical advice or attention.

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

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/containers in accordance with all regulations.

## 2.3 Additional Information

**2.3a HNO3 – Hazards not otherwise classified:** Not applicable

**2.3b Unknown Acute Toxicity:** None

**2.3c WHMIS Classification**

Class D2B – Skin/Eye Irritant

## 2.3d Label Elements According To WHMIS

**Hazard Symbols**



**Signal Word**



Warning

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### SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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<u>Hazardous Components</u>	<u>CAS No.</u>	<u>% by Weight</u>
Polymeric Resin	Not Hazardous	30-60
Water	7732-18-5	40-70
Acrylic acid homopolymer, sodium salt	9003-04-7	1-5

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

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### SECTION IV – FIRST AID MEASURES

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#### **General information:**

Immediately remove any clothing soiled by the product.

**After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Remove immediately all contaminated clothing and wash before re-use. Rinse skin or hair with water.

**After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**After swallowing:** Treat symptomatically and supportively. Get medical attention. Never give anything by mouth to an unconscious person.

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

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### SECTION V - FIRE FIGHTING MEASURES

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**5.1 Flammability of the Product:** This is a water-based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low levels of organic volatiles which may be emitted at elevated temperatures.

**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



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## SECTION VI – ACCIDENTAL RELEASE MEASURES

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

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

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### Handling

**Precautions for safe handling:** Ensure good ventilation/exhaustion at the workplace. Wear appropriate PPE (See section 8).

**Information about protection against explosions and fires:** No special measures required.

### Storage

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**Specific end use(s):** No further relevant information available

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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.

#### 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 typical use

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## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

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### General Information

<b>Appearance</b>	Form: Liquid Color: White Odor: Vinyl Acetate
<b>pH-value at 20°C (68 °F):</b>	Not Available
<b>Boiling point/Boiling range:</b>	>212°F (>100°C)
<b>Auto igniting:</b>	Product is not self-igniting.
<b>Vapor pressure at 21°C (70°F)</b>	<1 (water)
<b>Density at 25°C (77 °F):</b>	1.0 to 1.2
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Miscible
<b>VOC content:</b>	1.1 g/L VOC

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## SECTION X – STABILITY AND REACTIVITY

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**Thermal decomposition / conditions to be avoided:** Strong oxidizers, materials that react with water

**Incompatible materials:** Strong oxidizing agents

**Hazardous decomposition products:** None



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## SECTION XI – TOXICOLOGICAL INFORMATION

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**11.1 Exposure Routes:** Skin contact, skin adsorption, 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 eye irritation.

**Ingestion:** May cause gastrointestinal irritation

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

### Short Term

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Causes eye irritation.

**Respiratory Sensitization:** Not available

**Skin Sensitization:** May cause an allergic skin reaction.

**Specific Target Organ Toxicity-Single Exposure:** (Category 3) May cause respiratory irritation.

**Aspiration Hazard:** Not available

### Long Term

**Carcinogenicity:** Not available

**Germ Cell Mutagenicity:** Not available

**Reproductive Toxicity:** Not available

**Specific Target Organ Toxicity- Repeated Exposure:** (Category 2) Prolonged or repeated exposure may cause skin irritation.

**Synergistic/Antagonistic Effects:** Not available.

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## SECTION XII – ECOLOGICAL INFORMATION

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**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential:** No further relevant information available.

**Additional ecological information:**

**General notes:**

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



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## SECTION XIII – DISPOSAL CONSIDERATIONS

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### Waste treatment methods

#### Recommendation:

Do not allow product to reach waterways or storm sewers. Disposal must be made in accordance with local, state and federal regulations.

#### Uncleaned packaging

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

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

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## SECTION XIV – TRANSPORT INFORMATION

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	<b>DOT (U.S.)</b>	<b>TDG (Canada)</b>
<b>UN-Number</b>	Not Regulated	Not Regulated
<b>UN proper shipping name</b>	Not Regulated	Not Regulated
<b>Transport Hazard Class(es)</b>	Not Regulated	Not Regulated
<b>Packing Group (if applicable)</b>	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.

### 15.3 State Right to Know Laws

#### California Prop. 65 Components

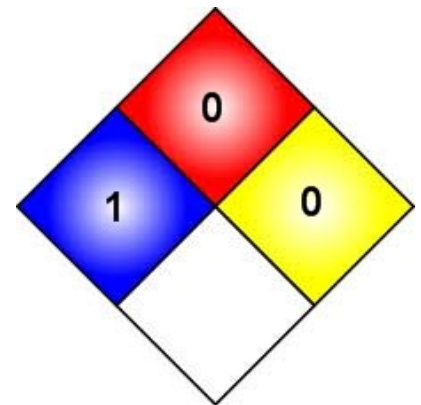
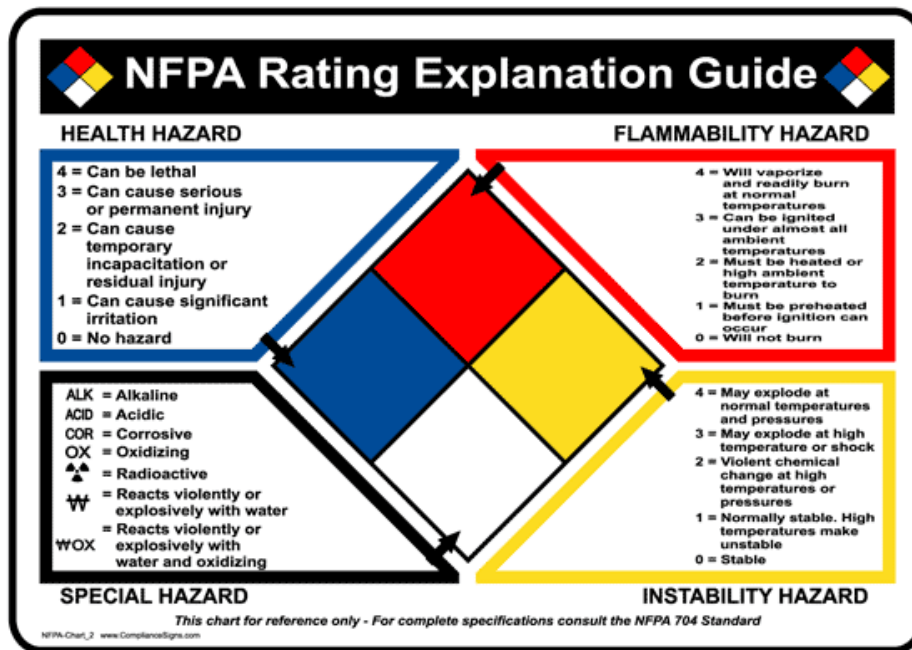
**WARNING:** This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### 15.4 Global Inventories

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

**TSCA No.:** All constituents are listed in the TSCA inventory.

### 15.5 NFPA Ratings







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## SECTION XVI – OTHER INFORMATION

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**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**