



CEMENT &amp; CONCRETE PRODUCTS™

## J7: Sealant Products

### SAFETY DATA SHEET

(Complies with OSHA 29 CFR 1910.1200)

#### SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies  
5 Concourse Parkway, Suite 1900  
Atlanta, GA 30328

Emergency Telephone Number  
**INFOTRAC (800) 535-5053**  
Information Telephone Number  
(800) 282-5828

SDS J7  
Revision: Aug-18

<b>QUIKRETE® Product Name</b>	<b>Item #(s)</b>
ADVANCED POLYMER CONCRETE CRACK SEALANT	8620-17
ADVANCED POLYMER MORTAR JOINT SEALANT	8620-18

**Product Use:** FILLING VERTICAL AND HORIZONTAL CRACKS AND EXPANSION JOINTS IN CONCRETE & MASONRY

SEE MOST CURRENT REVISION OF THIS DOCUMENT AT [WWW.QUIKRETE.COM](http://WWW.QUIKRETE.COM).

#### SECTION II - HAZARD IDENTIFICATION

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

Eye Damage/Irritation – Category 2  
Skin Sensitization – Category 1  
Reproductive Toxicity – Category 1B2

##### 2.2a Signal word Danger

##### 2.2b Hazard Statements

Causes serious eye irritation  
May cause an allergic skin reaction  
May damage fertility or the unborn child

##### 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. Wear eye protection, and protective clothing.

Wash thoroughly after handling.

Do not breathe fumes

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

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

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

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

Dispose of contents/containers in accordance with all regulations.

**2.3 Additional Information****2.3a HNOC – Hazards not otherwise classified**

None known

**2.3b Unknown Acute Toxicity:**

62.5% of the mixture consists of ingredient(s) of unknown toxicity

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

<b><u>Hazardous Components</u></b>	<b><u>CAS No.</u></b>	<b><u>% by Weight *</u></b>
Limestone	1317-65-3	30 - 55
MS Polymers	Proprietary	30 - 55
Calcium Carbonate	471-34-1	10 - 25
Washed Sand	14808-60-7	1 - 10
Silane, ethenyltrimethoxy-	2768-02-7	1 - 5
Titanium Dioxide (if needed)	13463-67-7	1 - 5
Carbon Black (if needed)	1333-86-4	1 - 5
Tin catalyst	22673-19-4	0.1 - 1

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

**SECTION IV – FIRST AID MEASURES**

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#### 4.1 Description of the first-aid measures

**General information:**

**After inhalation:** Remove person to fresh air. If you feel unwell, get medical attention.

**After skin contact:** Wash skin with cool water and pH-neutral soap or a mild detergent. Remove contaminated clothing and wash before reuse. If significant skin irritation or rash occurs: get medical advice or attention.

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

**After swallowing:** Rinse mouth. Never give anything by mouth to an unconscious person. If you feel unwell, get medical attention.

#### 4.2 Most important symptoms/effects, acute and delayed

See Section 11.1. for information on toxicological effects.

#### 4.3 Indication of immediate medical attention and special treatment needed:

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: Combustible

**5.2 Suitable extinguishing agents:** In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish. Treat for surrounding material

**5.3 Special hazards arising from the substance or mixture:** Product is or contains a sensitizer; May cause sensitization by skin contact. Uniform Fire Code Sensitizer: Liquid

**5.3a Products of Combustion:** Carbon oxides

**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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**6.1 Personal precautions, protective equipment and emergency procedures:** Ventilate the area with fresh air. For large spills, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice.

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

None specified

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### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

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#### 7.1 Handling

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**Precautions for safe handling:** Avoid breathing of vapors in top of shipping container. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Use personal protective equipment (gloves, respirators, etc.) as required.

**7.2 Storage**

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

**SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION****8.1 Components with limit values that require monitoring at the workplace:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	-	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 10 mg/m <sup>3</sup> total dust
Supplier Trade Secret	-	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 10 mg/m <sup>3</sup> total dust
Supplier Trade Secret	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>
Supplier Trade Secret	TWA: 3 mg/m <sup>3</sup> inhalable fraction	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Supplier Trade Secret	STEL: 0.2 mg/m <sup>3</sup> Sn TWA: 0.1 mg/m <sup>3</sup> Sn S*	TWA: 0.1 mg/m <sup>3</sup> Sn (vacated) TWA: 0.1 mg/m <sup>3</sup> Sn (vacated) S*	IDLH: 25 mg/m <sup>3</sup> Sn TWA: 0.1 mg/m <sup>3</sup> except Cyhexatin Sn

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

**8.2 Exposure Controls**

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.



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### 8.3a Personal protective equipment

#### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Indirect Vented Goggles

#### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Gloves made from the following material(s) are recommended: Butyl Rubber

#### Respiratory protection

An exposure assessment may be needed to decide if a respirator is required.

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## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

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<b>Specific Physical Form:</b>	Paste
<b>Odor, Color, Grade:</b>	Mint-like, Gray
<b>Odor threshold</b>	No Data Available
<b>pH</b>	Not Applicable
<b>Melting point</b>	No Data Available
<b>Boiling Point</b>	No Data Available
<b>Flash Point</b>	No Data Available
<b>Evaporation rate</b>	No Data Available
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Flammable Limits(LEL)</b>	Not Applicable
<b>Flammable Limits(UEL)</b>	Not Applicable
<b>Vapor Pressure</b>	Not Applicable
<b>Vapor Density</b>	Not Applicable
<b>Density</b>	No Data Available
<b>Solubility in Water</b>	Negligible
<b>Solubility- non-water</b>	Nil
<b>Partition coefficient: n-octanol/ water</b>	No Data Available
<b>Autoignition temperature</b>	No Data Available
<b>Decomposition temperature</b>	No Data Available
<b>Viscosity</b>	No Data Available
<b>VOC Content</b>	9 g/L

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**SECTION X – STABILITY AND REACTIVITY**

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**10.1 Reactivity**

This material may be reactive with certain agents under certain conditions – see the remaining headings in this section.

**10.2 Chemical stability**

Stable under normal storage conditions.

**10.3 Possibility of hazardous reaction**

Hazardous polymerization will not occur.

**10.4 Thermal decomposition / conditions to be avoided**

None known

**10.5 Incompatible materials**

Oxidizing material can cause a reaction.

**10.6 Hazardous Decomposition or By-products**

Carbon oxides.

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**SECTION XI – TOXICOLOGICAL INFORMATION**

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Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Supplier Trade Secret	= 6450 mg/kg ( Rat )	-	-
Supplier Trade Secret	> 10000 mg/kg ( Rat )	-	-
Supplier Trade Secret	> 15400 mg/kg ( Rat )	> 3 g/kg ( Rabbit )	-

**CEMENT & CONCRETE PRODUCTS™****Carcinogenicity:**

The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. This product contains carbon black which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is not in a respirable form.

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret	-	Group 2B	-	X
Supplier Trade Secret	A3	Group 2B	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Mutagenicity:** This product is not known to be a mutagen.

**Reproductive Toxin:** This product contains a known or suspected reproductive toxin.

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**SECTION XII – ECOLOGICAL INFORMATION**

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**12.1 Ecotoxicity**

No further relevant information available.

**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.

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

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**13.1. Disposal methods**



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Dispose of contents/ container in accordance with the local/regional/national/international regulations.

**EPA Hazardous Waste Number (RCRA):** Not regulated

**This product contains one or more substances that are listed with the State of California as a hazardous waste**

Chemical Name	California Hazardous Waste
Tin Catalyst (CAS# 22673-19-4)	Toxic

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**SECTION XIV – TRANSPORT INFORMATION**


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**DOT (U.S.) TDG (Canada)**

<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

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**SECTION XV – OTHER REGULATORY INFORMATION**


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**15.1. US Federal Regulations**

TSCA 8(a) PAIR: Siloxanes and Silicones, di-Me, hydroxyl-terminated;  
Siloxanes and Silicones, di-Me

**311/312 Hazard Categories:**

Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No  
Immediate Hazard - Yes  
Delayed Hazard - Yes

**15.2. State Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X	X		
Supplier Trade Secret	X	X	X		X
Supplier Trade Secret	X	X	X		
Supplier Trade Secret	X	X	X		



**CEMENT & CONCRETE PRODUCTS™****15.3. Chemical Inventories**

The components of this product are in compliance with the chemical notification requirements of TSCA.

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**SECTION XVI – OTHER INFORMATION**

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**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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Prepared by

The QUIKRETE Companies, LLC

**End of SDS**