J5: 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 J5
Revision: Mar-20

QUIKRETE® Product Name: Advanced Polymer Self-Leveling Sealant
Item # (s): 8660-41

Product Use: FILLING HORIZONTAL CRACKS AND EXPANSION JOINTS IN CONCRETE

SEE MOST CURRENT REVISION OF THIS DOCUMENT AT WWW.QUIKRETE.COM.

SECTION II - HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture
Eye Damage/Irritation – Category 2A
Skin Sensitization – Category 1
Specific Target Organ Toxicity (Repeated Exposure) – Category 2
Acute Toxicity Oral – Category 4

2.2a Signal word Warning

2.2b Hazard Statements
Causes serious eye irritation
May cause an allergic skin reaction
May cause damage to organs through prolonged or repeated exposure.
Harmful if swallowed.
2.2c Pictograms

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:
None

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS No.</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-Ethanediamine,N-[3-trimethoxysilyl)propyl]-</td>
<td>1760-24-3</td>
<td>&lt; 2*</td>
</tr>
<tr>
<td>Silane, ethenyltrimethoxy-</td>
<td>2768-02-7</td>
<td>1- 1.5*</td>
</tr>
<tr>
<td>Stannane, dibutylbis[(1-oxododecyl)oxy]-</td>
<td>77-58-7</td>
<td>&lt; 0.05*</td>
</tr>
</tbody>
</table>

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

SECTION IV – FIRST AID MEASURES

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: REMOVE PRODUCT WHILE WET: If washing does not remove, immediately use rubbing alcohol, carefully with no nearby flames or sparks. Alternatively, use cooking oil. Once dry this sealant can be removed mechanically with difficulty. 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
May cause an allergic skin reaction.

4.3 Indication of immediate medical attention and special treatment needed:
Immediately seek medical advice or attention if symptoms are significant or persist.

SECTION V - FIRE FIGHTING MEASURES

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: None
5.3a Products of Combustion: Toxic fumes may be released
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: 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

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

7.1 Handling
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:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Agency</th>
<th>Limit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stannane, dibutylbis[(1-oxododecyl)oxy]-</td>
<td>77-58-7</td>
<td>ACGIH</td>
<td>TWA 0.1 mg/m³</td>
</tr>
<tr>
<td>Methanol</td>
<td></td>
<td></td>
<td>STEL 0.2 mg/m³</td>
</tr>
</tbody>
</table>

Methanol is produced by chemical reaction with moisture from the air during use of this product.

ACGIH: American Conference of Governmental Industrial Hygienists

8.2 Exposure Controls
Methanol is produced by chemical reaction with moisture from the air during use of this product. Provide 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

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.

### SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Specific Physical Form:</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Odor, Color, Grade:</strong></td>
<td>Gray; mild characteristic odor</td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Melting point</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Flammable Limits(LEL)</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Flammable Limits(UEL)</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>1.39 ± 0.03 g/cm³</td>
</tr>
<tr>
<td><strong>Solubility in Water</strong></td>
<td>Negligible</td>
</tr>
<tr>
<td><strong>Solubility- non-water</strong></td>
<td>Nil</td>
</tr>
<tr>
<td><strong>Partition coefficient: n-octanol/ water</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>Autoignition temperature</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>No Data Available</td>
</tr>
<tr>
<td><strong>VOC Less H2O &amp; Exempt Solvents</strong></td>
<td>CARB Chemically Curing Sealant (Nonaerosol);</td>
</tr>
<tr>
<td></td>
<td>VOC &lt;3% by weight; VOC 9 g/L per EPA TM24.</td>
</tr>
</tbody>
</table>

### SECTION X – STABILITY AND REACTIVITY

**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**
None known. Refer to Section 5.2 for hazardous decomposition products during combustion.

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**SECTION XI – TOXICOLOGICAL INFORMATION**

**11.1 Toxicology**

Acute toxicity: Not classified

1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- (1760-24-3)
- LD50 oral rat: 2995 mg/kg
- LD50 dermal rat: > 2000 mg/kg

Stannane, dibutylbis[(1-oxododecyl)oxy]- (77-58-7)
- LD50 oral: 175 mg/kg
- LC50 inhalation rat (Dust/Mist - mg/l/4h): 0.075 mg/l/4h

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: May cause an allergic skin reaction.
Germ cell mutagenicity: Not classified
Carcinogenicity - Description: Not classified
Reproductive toxicity: Not classified
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified

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**SECTION XII – ECOLOGICAL INFORMATION**

**12.1 Ecotoxicity**
Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Stannane, dibutylbis[(1-oxododecyl)oxy]- (77-58-7)
EC50 Daphnia 1 0.66 mg/l

12.2 Persistence and degradability
1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- (1760-24-3)
Biodegradation
38 % 28 d

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

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION XIV – TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>DOT (U.S.)</th>
<th>TDG (Canada)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Transport Hazard Class(es)</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>Packing Group (if applicable)</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

SECTION XV – OTHER REGULATORY INFORMATION

15.1. US Federal Regulations
311/312 Hazard Categories:
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No
Immediate Hazard - Yes
Delayed Hazard - Yes
15.2. State Regulations
MA/NY/NJ/PA/California Prop 65: None of the components are listed.

Methanol is produced by chemical reaction with moisture from the air during use of this product.

⚠️ **WARNING:** This product can expose you to methanol which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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**

**Last Updated:** March 4, 2020

**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.

Prepared by The QUIKRETE Companies, LLC

**End of SDS**