



**Section 1 – Identification**

SUPPLIER:	Superior Adhesives & Tools	NOTE: Blank spaces are not permitted. If no relevant information is found for any given subheading within a section, the SDS shall clearly indicate that no applicable information is available.	
ADDRESS:	14000 Carlson Parkway Plymouth, MN 55441	Emergency Telephone Number (CHEMTREC)	(800) 424-9300
TELEPHONE:	888-398-6595	Telephone Number for Information	(888) 398-6595
Product Identifier (as used on Label, SDS and list) <b>Penetrating Sealer (liquid)</b> Other means of identification: none		Recommended use of the chemical and restrictions on use: This liquid product is used as an additive, cleaner and sealer for working with tile.	

**Section 2 – Hazard Identification**

Skin Irritation	Category: 2	Signal Word: DANGER
Eye Irritation	Category: 2A	Signal Word: DANGER
Carcinogenicity	Category: 2	Signal Word: DANGER
Target Organ Toxicity	Category: 2	Signal Word: DANGER

Hazard Statements:	<b>Causes severe skin burns and eye damage. Causes serious eye damage.</b>
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  	<p>Precautionary Statements:</p> <p><b>PREVENTION:</b> Do not breathe mists/vapors/spray. Wash thoroughly after handling. Obtain special instructions before use. Do not eat, drink or smoke when using this product Do not handle until all safety precautions have been read and understood Wear protective gloves/protective clothing/eye protection/face protection In case of inadequate ventilation wear respiratory protection</p> <p><b>RESPONSE:</b> Immediately call a poison control center or doctor If on skin: Wash with plenty of water Specific treatment (see First Aid Measures) If skin irritation occurs or eye irritation persists: Get medical advice/attention If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention Take off contaminated clothing and wash it before reuse</p> <p><b>STORAGE:</b> Store locked up in a well-ventilated place. Keep cool.</p> <p><b>DISPOSAL:</b> Dispose of contents/container per federal, state and local regulations.</p>
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**Section 3 – Composition/Ingredients (\*= trade secret)**

Chemical Name	Common Name and synonyms	CAS No.	Percentage
Sodium Methyl Siliconate	METHYLSILANETRIOL, SODIUM SALT; METHYL SILICONATE, SODIUM; SODIUM METHYLSILANETRIOLATE	16589-43-8	1-10

## Section 4 – First Aid Measures

**INHALATION:** If exposed or concerned: Immediately call a poison center/doctor.

**SKIN CONTACT:** If on skin, wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Seek medical treatment in all cases of prolonged skin exposure to Penetrating Sealer. Take off contaminated clothing and wash it before reuse.

**EYE CONTACT:** If in eyes: rinse with water for several minutes. Remove contacts, continue rinsing. If irritation results from exposure, get medical attention.

**INGESTION:** If swallowed: Call a poison center/doctor. Do not induce vomiting. Rinse mouth. May cause burns to mouth, throat and stomach.

**MOST IMPORTANT SYMPTOMS/EFFECTS:** Acute: May cause mild or severe irritation. May cause respiratory tract irritation. Delayed: Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation.

**IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT:** Poison Center, Emergency Medical Services

## Section 5 – Fire-Fighting Measures

**SUITABLE EXTINGUISHING MEDIA:** Penetrating Sealer does not pose a serious fire hazard, however normal fires should be extinguished using CO<sub>2</sub>, or Dry Chemical (AB, BC, ABC) extinguishers

**SPECIAL FIRE-FIGHTING PROCEDURES:** NONE. Although Penetrating Sealer poses no fire-related hazards, a self-contained breathing apparatus is recommended to limit exposure to combustion products when fighting any fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

<b>Penetrating Sealer</b>	
<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARDS</b>	<b>0</b>

**NFPA Rating: Health: 2 Flammability: 0 Reactivity: 0**

## Section 6 – Accidental Release Measures

**PERSONAL PRECAUTIONS:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate PPE and protective clothing. Ensure adequate ventilation.

**PROTECTIVE EQUIPMENT:** If eye contact is expected while using this product, ANSI Z87 approved safety goggles are suggested. If skin exposure is possible, wear chemical resistant gloves and protective clothing.

**EMERGENCY PROCEDURES:** None Expected

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Small spills can be handled with simple absorbent material. Large spills may require diking to prevent flow into drains, waterways, etc. Absorb in vermiculite, cellulose, dry sand, or other similar material and place into containers for proper disposal.

## Section 7 – Handling and Storage

**PRECAUTIONS FOR SAFE HANDLING:** Do not breathe mist or vapor. Avoid contact with skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.

**CONDITIONS FOR SAFE STORAGE INCLUDING INCOMPATIBILITIES:** Keep container closed when not in use. Store in cool, dry area with adequate ventilation.

## Section 8 – Exposure Controls/Personal Protection

Component	OSHA PEL; TWA	ACGIH TLV
Sodium Methyl Silicate	15 mg/m <sup>3</sup> (T); 5 mg/m <sup>3</sup> (R)	10 mg/m <sup>3</sup> (T); 5 mg/m <sup>3</sup> (R)

APPROPRIATE ENGINEERING CONTROLS: Use sufficient local exhaust ventilation, or other engineering controls to keep airborne concentrations of vapors below the OSHA PEL. General ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.	
PERSONAL PROTECTIVE EQUIPMENT: Use ANSI-approved eye protection and chemical resistant gloves. Sealed goggles are recommended when applying, spraying, or misting.	
RESPIRATORY PROTECTION: RESPIRATORY PROTECTION: Where inhalation of mists or vapors is likely, a respirator equipped with an organic vapor cartridge and a HEPA filter is recommended if there is any chance of exceeding PEL's.	
EYE/FACE PROTECTION: Under normal conditions, wear safety goggles that meet the ANSI Z87.1 standard. In high use conditions wear ANSI-approved unvented safety goggles. DO NOT wear contact lenses.	
HAND PROTECTION: Wear chemical protective gloves resistant to alkaline or caustic materials. DO NOT rely on barrier creams; barrier creams should not be used in place of chemical-resistant gloves. Nitrile gloves are recommended.	
PROTECTIVE CLOTHING: Wear long pants and long-sleeved shirts while working with this material. Consider wearing chemical protective clothing.	
<b>Section 9 – Physical and Chemical Properties</b>	
APPEARANCE: Liquid	ODOR: None
pH: 13	Melting/FREEZING PT: 32°F (0°C)
BOILING POINT: The lowest known value is 212°F (100°C)	FLASH POINT: N/A
FLAMMABILITY: N/A	EVAPORATION RATE: N/A
VAPOR DENSITY: N/A	RELATIVE DENSITY: 1.24 g/cc
VAPOR PRESSURE: < 1 mm Hg @ 20°C	%VOLATILE BY VOLUME: None
PARTITION COEFFICIENT: n-OCTANOL/WATER: N/A	VISCOSITY: 10 cSt
AUTO IGNITION TEMPERATURE: N/A	SOLUBILITY IN WATER: Miscible
<b>Section 10 – Stability and Reactivity</b>	
REACTIVITY: None	
CHEMICAL STABILITY: Product is stable under normal conditions	
POSSIBILITY OF HAZARDOUS REACTIONS: Avoid mixing with acids	
CONDITIONS TO AVOID: none	
INCOMPATIBLE MATERIALS: Strong acids. Strong oxidizing substances. Aluminum metal.	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide. Silicon dioxide. Sodium hydroxide	
<b>Section 11 – Toxicological Information</b>	
Routes of Entry: Inhalation: YES Ingestion: YES Eye: YES Skin: YES	
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS: May cause mild or severe irritation. Prolonged exposure can cause severe skin irritation. An allergic response is possible. Penetrating Sealer is severely irritating to the eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause redness and pain.	
IMMEDIATE AND DELAYED EFFECTS: Exposure to airborne mist or vapor may cause respiratory tract irritation. Penetrating Sealer should not be eaten.	
CHRONIC EFFECTS FROM SHORT-TERM AND LONG-TERM EXPOSURE: Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure.	
LD50/LC50: Oral LD50 rat: Oral LD50, rat: > 90 mL/kg Oral LD50, rabbit: Not determined Inhalation LC50, mouse: Not determined Dermal LD50, rat: > 2g/kg	
Carcinogenicity: Cancer. The International Agency for Research on Cancer (IARC) ranks Coconut diethanolamide (CAS# 68603-42-9) as 2B Possibly carcinogenic to humans. The National Toxicology Program (NTP) classifies Coconut diethanolamide (CAS# 68603-42-9) as a Suspect Carcinogen.	

<b>Section 12 – Ecological Information (Non-mandatory)</b>			
ECOTOXICITY: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.	BIO ACCUMULATIVE POTENTIAL: None Known	OTHER ADVERSE EFFECTS (such as hazardous to the ozone layer): None known	
PERSISTENCE AND DEGRADABILITY: Stable under normal conditions	MOBILITY IN SOIL: No Testing Data Available		
<b>Section 13 – Disposal Considerations (Non-mandatory)</b>			
WASTE DISPOSAL OF SUBSTANCE: Do not discharge into waterways, drains, or sewer systems.			
CONTAINER DISPOSAL: Dispose of in accordance with federal, state and local regulations.			
RCRA: None listed			
<b>Section 14 – Transport Information (Non-mandatory)</b>			
DOT, IATA, IMO/IMDG SHIPPING INFORMATION			
UN Identification Number: UN1719	Proper Shipping Name: Not applicable		
Hazard Class: Caustic alkali liquids, n.o.s.	Secondary Risk: Not applicable		
Packing Group: II - Medium Danger	Label(s) Required: Not applicable		
Environmental Hazards: None	Transport in Bulk: Not applicable (per Annex II of MARPOL 73/78 and IBC)		
<b>Section 15 – Regulatory Information (Non-mandatory)</b>			
U.S. SARA REPORTING REQUIREMENTS: The components of this mixture are not subject to the reporting requirements of Sections 302, 304 and 313 of Title II of the Superfund Amendments and Reauthorization Act.			
Chemical Name	SARA 302 (40 CFR 355, Appendix A)	SARA 304 (40 CFR 355, Table 302.4)	SARA 313 (40 CFR 372.65)
U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20			
U.S. CERCLA REPORTABLE QUANTITY (RQ): None			
U.S. TSCA INVENTORY STATUS: Coconut diethanolamide, CAS# 68603-42-9 is not listed on the TSCA inventory			
TSCA SIGNIFICANT NEW USE RULE: None of the chemicals in this mixture have a SNUR under TSCA.			
OTHER U.S. FEDERAL REGULATIONS: Not applicable			
CLEAN AIR ACT: This material does not contain any hazardous air pollutants This material does not contain any Class 1 Ozone depleters This material does not contain any Class 2 Ozone depleters			
CLEAN WATER ACT: None of the chemicals in this mixture are listed as Hazardous Substances under the CWA None of the chemicals in this mixture are listed as Priority Pollutants under the CWA None of the chemicals in this mixture are listed as Toxic Pollutants under the CWA			
OSHA: None of the chemicals in this mixture are considered highly hazardous by OSHA			
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.			
California No Significant Risk Level: None of the chemicals in this product are listed.			

OTHER STATE SPECIFIC REGULATIONS:

## Section 16 – Other Information

PREPARED BY: Bryan Cleavenger

DATE PREPARED: May 27, 2015

LAST UPDATED: November 27, 2018

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TRAINING NECESSARY:

Yes. Training under the OSHA HazCom GHS requirements (29 CFR 1910.1200) must be completed upon initial assignment for new employees.

INTENDED USE OF THIS PRODUCT:

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

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