

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

PRODUCT NAME: SAAVYSIL CONCRETE SEALER
CHEMICAL NAME/SYNONYMS: CONCRETE, BRICKS, PAVERS, SEALER
COMPANY: SAAVYSIL LLC
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SECTION 2: IDENTIFICATION

HAZARD CLASSIFICATION: Flammable Liquid Category 4, Skin Irritation Category 2

SIGNAL WORD(S): Warning

HAZARD STATEMENTS: H315 Cause irritation. H227 Combustible liquid

PICTOGRAMS:



PRECAUTIONARY STATEMENTS:

- P264 Wash thoroughly after handling. Wear protective gloves.
- P210 Keep away from heat/sparks/open flames/hot surfaces.
- P270 Do not eat, drink, or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P261 Avoid breathing fume/mist/vapors/spray.

RESPONSE:

- P301+P312 (if swallowed): Call a poison center/doctor if you feel unwell.
- P330 Rinse mouth.
- P304+P312 (if inhaled): Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 (if in eyes): Rinse cautiously with water for several minutes.
- P337+P313 If eye irritation persists, get medical attention.

STORAGE: P25-P403- Store in Well-Ventilated place. Keep Cool.

DISPOSAL: P501-Dispose of waste and residues in accordance with local authority requirement.

DESCRIPTION OF OTHER HAZARDS: None Known

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredients not listed on this safety data sheet are non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

CHEMICAL NAME	SYNONYM	CAS#	CONC.
Triethoxyoctylsilane		2943-75-1	50-70%
Water		7732-18-5	< 30%

SECTION 4: FIRST-AID MEASURES

After skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and Plenty of water.

After eye contact: Flush eyes with water immediately while holding eye lid open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

After inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult seek medical attention.

After swallowing: Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

Note to physician: Treat Symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing agents: Material is combustible. Use water- spray, alcohol resistance foam, dry chemical, or carbon dioxide.

Special protective equipment for firefighters: Fire responders need to wear full-bunker gear with Self Contained Breathing Apparatus (SCBA). Never enter a confined space unless fully protected with proper personal protective equipment (PPE).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation. Non-sparking tools should be used.

Measures for environmental protection: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Measures for cleaning/collecting: Dike and contain spill with inert absorbent materials. Soak up with inert material and keep in suitable, closed containers for disposal. Dispose of in accordance with specified local/regional/national regulations for disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with Skin and eyes. Avoid inhalation of vapor or mist.

Storage: Keep container tightly closed in a dry and well-ventilated place. Container which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from heat. Keep from freezing. Store this product above freezing temperature and below 90F.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Introductory Remarks: Use local exhaust ventilation or other engineering controls to minimize airborne exposure. A safety shower and Eye wash be readily available.

2-methoxyethanol permissible exposure limit is 0.3 mg/m3.

General protective and hygienic measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and workday.

Breathing equipment: Wear an approved respirator that provides protection if the airborne concentration exceeds the recommended exposure limits.

Protection of hands: Chemical resistant, impervious gloves.

Eye protection: Wear Safety goggles or face shield to prevent eye contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Odor:	no data available
Odor threshold:	no data available
pH:	7-8
Melting point/melting range:	No data available
Boiling point/boiling range:	98-99°C
Flash point:	65-100C at1013hpa
Evaporation rate:	No data available
Flammability:	No data available
Upper/ lower flammability or explosive limits:	No data available
Auto ignition temperature:	225°C at 1013hpa
Danger of explosion:	Nonexplosive
Vapor pressure:	0.11pa at25°c
Vapor density:	No data available
Relative density:	0.88 g/cm ³ at 68°F (20°C)
Solubility in/Miscibility with water:	Miscible

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: This product is chemically stable.

Conditions to avoid: Extreme temperatures and direct sunlight.

Incompatible materials: No data available.

Hazardous decomposition products: In complete combustion, oxide of carbon, nitrogen and silicate are formed. When heated above >302°F(>150°C) in the presence of air, product can form formaldehyde vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: Acute Oral LD50 (rat)=>2000mg/KG

Acute Dermal LD 50 (rabbit)=>2000mg/Kg

Potential routes of exposure/potential health effects

Skin: Cause Skin Irritation.

Eye: Direct eye contact may cause temporary irritation.

Inhalation: If material is misted or sprayed, inhalation of mist may cause irritation of mucous membrane and upper respiratory track.

Ingestion: Ingestion is not a likely route of exposure under normal condition of use.

Carcinogenic effects: Not classified as to carcinogenicity to humans.

Mutagenic effects: No data available to indicate product or any components present at higher than 0.1%.

Reproductive toxicity: May cause effect on reproductive development. Carcinogenic effects; 2-methylethanol may cause reproductive development.

Sensitization: Not expected to cause severe sensitization.

Target organs: Not classified based on available information.

SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)

Ecotoxicity: LC50(Fish)=9,650 mg/L (96 hours)

This is toxic to aquatic organism.

Acute Toxicity: Fish

Components Triethoxyoctylsilane: Not expected to be acutely toxic to aquatic organism.

Mobility: This product is miscible in water. Expected to be mobile in soil.

Biodegradation: No data available.

Bioaccumulation: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste and Disposal Method: Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

SECTION 14: TRANSPORTATION INFORMATION

DOT: Not regulated.

IATA: Not regulated.

IMDG: Not regulated.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA Section 355 (extremely hazardous substances): Not present.

SARA Section 313 (specific toxic chemical listings): Yes,

Immediate (Acute) Health Effects: Yes

Delayed (Chronic) Health Effects: Yes

Fire Hazard: Yes

Sudden Release of pressure: No

Reactivity: No

Right to know classification: Ethanol is listed in states of CA, FL, MN, MA, NJ, and PA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): Not regulated.

TSCA (Toxic Substances Control Act): All Chemical substances in these materials are included on or exempted from listing on the TSCA inventory of Chemical substances.

SECTION 16: OTHER INFORMATION

Hazardous Material Information System (HMIS)

1 Health

1 Fire

0 Reactivity

H Personal Protection

National Fire Protection Association (NFPA)

1 Health

1 Fire

0 Instability

N/A

Health	4 Deadly	3 Extreme Danger	2 Dangerous	1 Slight hazard	0 No hazard
Fire	4 < 73°C	3 < 100°C	2 < 200°C	1 > 200°C	0 Will not burn.
Reactivity	4 May	3 Explosive	2 Unstable	1 Normally	0 stable
Instability	detonates		stable		

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