



SAFETY DATA SHEET

1. Identification

Product identifier Grout Sealer
Other means of identification None.
Recommended use Industrial. Binder for: Construction products.
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Supplier

Company name Southern Grouts and Mortars, Inc.
Address 1502 SW 2nd Place
Pompano Beach, Florida 33069
Telephone number (954) 943-2288
Fax (954) 943-2402
Contact name Technical Manager
Website WWW.SGM.CC
(954) 943-2288
Emergency telephone number
Transportation emergency (Chemtrec US) 800-424-9300
(Chemtrec International) 703-527-3887

2. Hazard(s) identification

OSHA defined hazards Not classified.

Label elements



Storage

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

Disposal

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

Hazard(s) not otherwise classified (HNOC)

None known.

NFPA 704 CODES: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious and 4=Severe

HEALTH (BLUE)

NFPA: 1

HMIS: 1

FLAMMABILITY (RED)

NFPA:

HMIS: 0

REACTIVITY (YELLOW)

0 NFPA:

HMIS: 0

CLOTHING

0 NFPA:

HMIS: PP = B

ACCUTE EFFECTS OF OVEREXPOSURE

Eye: Mildly irritating to the eyes. Seek medical attention.

Skin: No skin irritation expected. May aggravate existing dermatitis.

Inhalation: Breathing mist may cause mild irritation to upper respiratory tract.

Ingestion: None known. Do not take internally. Seek medical attention.

Chronic effects of overexposure: Repeated prolonged contact may produce irritation.

Other health effects: People with sensitive skin can experience aggravated skin irritation. No other known applicable information.

3. Composition/information on ingredients

INGREDIENTS	CAS NUMBER	% BY WT*
Dimethyl, Methylhydrogen siloxane	68037-59-2	5-7 %
N-Octyltriethoxysilane	2943-75-1	5-7 %
Trace Chemicals		< 1.0 %
Water	007732-18-5	Balance

*The concentrations shown in the substance list are maximum or ceiling levels (weight %) to be used for calculations for regulations. Per California South Coast Air Quality Management District (SCAQMD) RULE 443.1, this product has a volatile solvents content (VOC) of < 25 g/l VOC Compliant.

4. First-aid measures

Eye:	Immediately flush eyes with running water for at least 15 minutes. Seek medical attention.
Skin:	Minimal effect on contact. Wash skin with soap and water. If irritation or adverse symptoms, seek medical attention.
Inhalation:	Remove to fresh air. If breathing difficult, seek immediate medical attention.
Ingestion:	Do not take internally. Drink large quantities water. Do not induce vomiting. Seek medical attention immediately.

5. Fire-fighting measures

Flammable Properties	Property:	Value:	Method:
	Flash point	not applicable	
	Boiling point / boiling range	not applicable	
	Lower explosion limit (LEL)	not applicable	
	Ignition temperature	not applicable	

Fire fighting

equipment/instructions

Does not support combustion and is not considered a fire or explosive hazard. Determine need to evacuate or isolate area. When involved in a fire, it may emit vapors and decomposition products containing the siloxane containing materials, carbon oxides, nitrogen oxides, hydrogen, formaldehyde, and silicon dioxide. These materials should be considered irritants. The silicon dioxide dust has a PEL of 6 mg/m³ and a ACGIH Total Dust of 10 mg/m³. Possible that can create SiO₂ dust levels greater than these PEL and AVGIH limits when decomposed in a fire or explosion. For these reasons, fire fighters should wear self-contained breathing apparatus and full protective clothing. Heated closed containers may burst due to steam pressure. Cool containers with water.

6. Accidental release measures

Contain spills immediately with inert material to prevent waterway entry. Observe all person protection. For large spills provide diking or other suitable absorbent containment. Transfer liquids and solid diking materials to suitable vented containers for recovery and appropriate disposal.

7. Handling and storage

Use in well-ventilated area away from sparks and open flames. Do not smoke in vicinity. Maintain positive pressure in interior of occupied buildings during exterior application and close fresh air intakes in area of application. Avoid inhaling vapors and mists, and getting in eyes, on skin or on clothing. Wash hands and other contaminated areas thoroughly with soap and water after handling this product and before eating or smoking. Wash contaminated clothing and equipment thoroughly before reuse. Normal warehouse storage in a vented container is adequate. Do not repackage or store in glass container. Storage temperature should be above freezing and below 120°F. Drain equipment and flush with water to clean.

8. Exposure controls/personal protection

Appropriate personal protective equipment necessary to prevent repeated or prolonged contact should be worn. Mechanical ventilation is recommended. Avoid breathing mist or vapors. Where high concentrations of mist occurs, a respirator with appropriate dust and mist removal capabilities is recommended. Eye protection, resistant clothing and resistant boots should be worn where spills or splashing can occur. Chemical splash goggles are recommended. A single prolonged skin exposure is not likely to result in skin irritation or absorption through the skin in harmful amounts. Wash contaminated clothing before reuse. Do not take internally. Eye wash station should be available. Do not smoke in vicinity of application.

9. Physical and chemical properties

APPEARANCE: Milk white

ODOR: very slight odor

pH: (Typical) 5

BOILING POINT, 760 mm Hg: 212°F, 100°C

VAPOR PRESSURE, at 20 deg. C: 17.5 mm Hg

LIQUID DENSITY : 1 g/cc

SOLUBILITY IN WATER, by wt.: 100 %

SPECIFIC GRAVITY (H₂O = 1): 1

PERCENT VOLATILE BY VOLUME: 5.5%

PERCENT VOLATILE BY WEIGHT: 5.5%

VISCOSITY: Similar to water

EVAPORATION RATE (Butyl Acetate = 1) Similar to Water

PHYSICAL STATE: Liquid

10. Stability and reactivity

Reacts with silica in concrete and masonry in the presence of ultraviolet light and moisture forming bonds with the substrate in normal use. The organic content of the aqueous mixture will react with bases, acids and oxidizers producing heat, polymers and oxidation by-products. Vaporization of small quantities of water controls any heat released. Atomization, vaporization or combustion forms aerosols which can carry siloxane containing materials, carbon oxides and silicon dioxide into the atmosphere. Hazardous polymerization will not occur.

11. Toxicological information

This product is known to be a mild eye and upper respiratory irritant. OSHA PEL and ACGIH TLV has not been established; however, the low vapor pressure of siloxane containing materials in product should produce air concentrations below expected exposure limits. The LD50 has not been determined, but should be relatively high based upon typical silicone toxicity. Do not take internally, avoid breathing mist and minimize eye and skin contact. HEALTH HAZARD CATEGORIES: None of the product's ingredients are found on any lists of hazardous, carcinogenic or banned chemical agents or materials generated by them.

12. Ecological information

There is little or no risk to surrounding vegetation during application, and overspray on non-targeted areas can be easily removed with soap and water.

13. Disposal considerations

Small quantities may be cleaned with soap and water. Absorbent material containing small amounts of the material may be disposed in appropriate land fills. Disposal of large quantities should comply with applicable disposal permits.

14. Transport information

DOT SHIPPING NAME (49CFR 172.101):
DOT ID# (49CFR 172.101):
DOT HAZARD CLASS:
HAZARD (29 CFR 1910.1200):

Non Flammable Liquid, NOS, Water Based Mixture of Siloxanes
Non Regulated
Non Flammable Liquid, NOS
Non-Flammable

LABEL: NONE REQUIRED
PLACARD: NONE REQUIRED
MARKING: NONE REQUIRED

15. Regulatory information

FEDERAL:

This product is non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910-1200). All components are on the Confidential or Non-Confidential TSCA Inventory List. The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) inventory and do not have special toxic substances warning requirements. None of the components in this product require notification of the National Response Center under the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (CERCLA) per 40 CFR 302.4.

None of the components in this product require reporting under Superfund Amendment and Reauthorization Act of 1986 (SARA) Title III as emergency planning or release reporting per 40 CFR 355 (used for SARA 302, 304, 311 and 312). The components also do not require annual reporting as a toxic chemical under SARA Title III per 40 CFR 372 (for SARA 313). This product contains no chemicals subject to SARA Title III, Section -13, Part 372 reporting requirements.

STATE RIGHT-TO-KNOW:

Under California Proposition 65, this product contains acetaldehyde listed by California under the Safe Drinking Water and Toxic Act of 1986 as a product known to cause cancer, birth defects or other reproductive harm. Under the Massachusetts Right-To-Know Law, this product contains acetaldehyde a product known to cause cancer, birth defects or other reproductive harm. Under the Pennsylvania Right-To-Know Law, this product contains dimethyl, methylhydrogen siloxane, and N-Octyltriethoxysilane. Under the New Jersey Right-to-Know Law this product contains dimethyl, methylhydrogen siloxane, N-Octyltriethoxysilane and polyethylene oxide lauryl ether.

16. Other information, including date of preparation or last revision

Additional information

This Safety Data Sheet (SDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents. This SDS provides selected regulatory information on this product, including its components. This is not intended to include all regulations. It is the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

Vertical lines in the left-hand margin indicate changes compared with the previous version.