



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Stone Sealer  
**Other means of identification** None.  
**Recommended use** Apply onto various surfaces to promote water repellency.  
**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  
**Emergency telephone number** (954) 943-2288  
**Transportation emergency**

## 2. Hazard(s) identification

### Label elements



**Physical Hazards** Flammable - Category 2  
**Health Hazards** Skin Irritation/Corrosion – Category 3  
Serious Eye Damage/Eye Irritation – Category 2B  
**Environmental Hazards** Not Classified

**Signal Words** Danger  
**Hazard Statements** Highly flammable liquid and vapour  
Causes Mild Skin Irritation  
Causes Eye Irritation

### Precautionary Statements

#### [Prevention]

Keep away from heat/sparks/open flames/hot surfaces – No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/light/.../equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wear protective gloves/protective clothing/eye protection/face protection.

#### [Response]

**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/Take off immediately all contaminated clothing. Rinse skin with water/shower**  
**In case of fire, use an Class ABC dry extinguisher for extinction**

P337+313-If eye irritation persists: Get medical advice/attention.

P264-Wash hands thoroughly after handling.

P332+313-If skin irritation occurs: Get medical advice/attention.

P403+P235-Store in a well-ventilated place. Keep cool.

P501-Dispose of contents/container through a waste management company authorized by the local government.

[STORAGE]

[DISPOSAL]

### 3. Composition/information on ingredients

Substance or Mixture	Mixture	Percentage (%)
Hazardous Ingredients	CAS#	
Methylmethoxy siloxane with methyl Silsesquioxane	68037-85-4	10-15
Decamethylcyclopentasiloxane	541-02-6	10-15
3-glycidioxypropyltrimethoxysilane	2530-83-8	5-10
Tetra n-butyl titanate	5593-70-4	1-3

### 4. First-aid measures

<b>Eye:</b>	Immediately flush with COOL water for 15 minutes; Call a physician if irritation persists.
<b>Skin:</b>	Remove contaminated clothing immediately and dispose of safely. When in contact with the skin, clean with soap and water.
<b>Inhalation:</b>	No first aid should be needed. Remove to fresh air.
<b>Ingestion:</b>	Seek medical attention; Do NOT induce vomiting.
<b>Protection for First-aiders:</b>	A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles

### 5. Fire-fighting measures

**Suitable extinguishing media:**

Foam, Carbon Dioxide, Dry Chemical

**Specific Fire Hazards:**

Fire will form hazardous combustion gases of Carbon dioxide(CO<sub>2</sub>), Carbon Monoxide(CO),and Nitrogen Oxides(NO<sub>x</sub>) Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150oC. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard

**Firefighter Equipment:**

Wear respirator and all protective coverings.

### 6. Accidental release measures

**Personal Precautions,**

**Protective Equipment And**

**Emergency:**

Flammable. Keep all sources of ignition away from spill/release. Safety glasses and gloves are suggested to prevent eye and skin contact. Provide sufficient ventilation.

**Environmental Precautions:**

Prevent product from entering drains.

**Clean Up:**

Absorb spilled material with suitable absorbent (e.g. rag, dry sand, clay absorbent) and disposed of, in accordance with appropriate laws and regulations.

### 7. Handling and storage

**Handling:**

Wear protective equipment; Use in a well-ventilated area; Avoid contact with skin and eyes. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/light/.../equipment.

**Storage:**

Keep container tightly closed. Store in a cool, dry place, well ventilated place. Keep away from oxidizing material, heat, and all sources of material.

## 8. Exposure controls/personal protection

### Exposure Limits:

#### Hazardous Ingredient

Decamethylcyclopentasiloxane  
Methanol; decomposition product

#### CAS#

541-02-6  
67-56-1

#### Limit/Set by

10ppm TWA/ Dow Corning guide  
200 ppm 8hr TWA \*PEL/ OSHA

\*PEL/OSHA = Permissible Exposure Limit/ Occupational Safety and Health Administration

### Engineering Controls:

Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath

### Personal Protective Equipment:

#### Respiratory Protection:

Vapor respirator. Follow local and national regulations.

#### Hand Protection:

Protective gloves

#### Eye Protection:

Wear safety glasses or goggles. Face shield if situation requires

#### Skin And Body Protection:

Protective clothing if situation requires

## 9. Physical and chemical properties

PHYSICAL STATE:

Liquid

ODOR:

Aromatic

ODOR THRESHOLD:

Not Available

pH:

Not Available

MELTING POINT:

Not Available

BOILING POINT RANGE:

Not Applicable, will decompose before it will boil

FLASH POINT:

50oF

EVAPORATION RATE:

Not Available

FLAMMABILITY(solid/gas):

Not Available

EXPLOSION LIMITS:

UPPER

Not Available

LOWER

Not Available

VAPOR PRESSURE:

Decamethylcyclopentasiloxane: 0.12kPa @ 25C

VAPOR DENSITY:

Not Available

RELATIVE DENSITY:

1.0 g/mL

SOLUBILITY:

Not soluble in water

PARTITION COEFFICIENT:

N-

OCTANOL/WATER:

Not Available

AUTO-IGNITION TEMPERATURE:

Not Available

DECOMPOSITION

TEMPERATURE:

>150oC

VISCOSITY:

30 cS

## 10. Stability and reactivity

### Reactivity:

Product is designed to react with moisture in the air.

### Chemical Stability:

Stable in the absence of contamination or moisture

### Hazardous Reactions:

Upon contact with water, the product will release methanol, which have some health ramifications associated with it. SEE TOXICOLOGICAL INFORMATION.

### Conditions To Avoid:

Avoid contact with water and strong acid. Keep away from sources of heat as well as sources of ignition.

### Hazardous Decomposition

#### Products:

Hazardous combustion gases of Carbon dioxide(CO<sub>2</sub>), Carbon Monoxide(CO), and Nitrogen Oxides(NO<sub>x</sub>)

Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150 C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard

### Incompatibility:

Water, acids, alkalis, iron, may react violently with electrophiles such as ferric chloride

## 11. Toxicological information

### Acute Toxicity:

Decamethylcyclopentasiloxane

Inh. – LC50(Rat): 36mg/L 4Hr Vapor/Aerosol

Oral – LD50(Rat): >2000mg/kg

Methanol; decomposition product

Inh. – LD50(Rat): 64000ppm/4Hr

Oral – LD50(Rat): 5.628g/kg

### Skin Corrosion/Irritation:

May cause skin irritation

<b>Eye Damage/Irritation:</b>	Risk of serious damage to eyes. Contains ingredients that will hydrolyses on contact with moisture leaving solid polymeric silicone and titanium compounds deposited on the eye
<b>Respiratory Or Skin: Sensitation:</b>	Not Available
<b>Germ Cell Mutagenicity:</b>	Not Available
<b>Carcinogenicity:</b>	Not Available
<b>Reproductive Toxicity:</b>	Not Available
<b>Stost- Single Exposure:</b>	Not Available
<b>Stost- Repeated Exposure:</b>	Category 2 hazard– for Methanol; decomposition product: May cause conjunctivitis, dizziness, sleeplessness, and gastrointestinal and optical disturbances.
<b>Aspiration Hazard:</b>	Not Available

## 12. Ecological information

<b>Ecotoxicity:</b>	Do not allow to enter soil, waterways or waste water canal. It is not allowed to be released into biological sewage treatment plants. Ecological data is not available.
<b>Persistence/Degradability:</b>	Low molecular weight volatile siloxanes, i.e. decamethylcyclopentasiloxane, in air are degraded by reaction with hydroxyl radicals, which is the dominant degradation process for most chemicals in the atmosphere.
<b>Bioaccumulative Potential:</b>	Decamethylcyclopentasiloxane: BCF - 5300
<b>Mobility In Soil:</b>	Decamethylcyclopentasiloxane: log Pow: 5.2 Soil adsorption (Koc): 16000 Henry's Law constant(PaM3/mol): 4.1 x 10 <sup>4</sup>

## 13. Disposal considerations

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

## 14. Transport information

UN/NA Number:	UN1993.
DOT SHIPPING NAME:	"FLAMMABLE LIQUID N.O.S. – Silicone Mixture Contains Decamethylcyclopentasiloxane and Methanol"
DOT HAZARD CLASS:	Flammable Liquid.
IMDG – P.S.N.:	FLAMMABLE LIQUID N.O.S. (Decamethylcyclopentasiloxane, Methanol)
IMDG – CLASS:	Class 3
IMDG – PACKING GROUP:	PGIII
IMDG – Marine Pollutant:	No
IATA - P.S.N.:	FLAMMABLE LIQUID N.O.S. (Decamethylcyclopentasiloxane, Methanol)
IATA - CLASS:	Class 3
IATA – PACKING GROUP:	PGIII

This product and its ingredients are NOT considered dangerous goods according to the UN Model Regulations, ADR, RID, and the ADN.

## 15. Regulatory information

### US REGULATIONS

US SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Section 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

Hazardous Ingredient	SARA 302 (40 CFR 355, Appendix A)	SARA 304 (40 CFR Table 302.4)	SARA 313 (40 CFR 372.65)
Methylmethoxy siloxane with methyl silsesquioxane	No	No	No
Decamethylcyclopentasiloxane	No	No	No
3-glycidoxypropyltrimethoxysilane	No	No	No
Tetra n-butyl titanate	No	No	No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS 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

SARA 311/312(40 CFR 370) HAZARDS: Acute: Yes, Chronic: Yes, Fire: Yes, Pressure: No

CALIFORNIA, (PROPOSITION 65): Neither this product nor its ingredients are listed

TSCA INVENTORY STATUS: These materials or all of their contents are listed on the Toxic Substances Control Act (TSCA).

**CANADIAN REGULATIONS**

CANADIAN DSL/NDSL INVENTORY: The components of this product are on the DSL or NDSL Inventories.

CANADIAN WHMIS CLASSIFICATION: Class B Division 2, Class D Division 2B

CANADIAN INGREDIENT DISCLOSURE LIST: No components listed

**EUROPEAN ECONOMIC COMMUNITY INFORMATION**

**Hazardous Ingredients**

Methylmethoxy siloxane with methyl silsesquioxane

Decamethylcyclopentasiloxane

3-glycidoxypropyltrimethoxysilane

Tetra n-butyl titanate

**EINECS#**

Not Available

208-764-9

219-784-2

227-006-8

**AUSTRALIAN REGULATIONS**

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES(AICS) STATUS: The components of this product are listed on the AICS except:

Hexyltrimethoxysilane

HAZARDOUS SUBSTANCES INFORMATION SYSTEM: No components of this product are listed by the Hazardous Substances Information System as a Hazardous Substance

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

**Additional information**

Because the product is a mixture, the majority of the data used was transferred from the safety data sheets of the product's hazardous ingredients, whose manufacturer identity we wish to remain anonymous for competitive reasons.

Section 8 Exposure Limits attained from [www.osha.gov](http://www.osha.gov) , [www.aiha.org](http://www.aiha.org) and [www.dowcorning.com](http://www.dowcorning.com) .

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.