



SAFETY DATA SHEET

1. Identification

Product identifier Southcrete 580 Multi-purpose Tile Mastic
Other means of identification None.
Recommended use Ceramic Tile Adhesive

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

CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200 (OSHA HAZCOM2012)
Carcinogenicity - Category 1A
STOT-RE – Category 2

Environmental Hazards

Not Classified

Signal Words

Danger

Hazard Statements

May cause cancer
Causes damage to organs through prolonged or repeated exposure

Precautionary Statements

[Prevention]

Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

[Response]

If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: 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 eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: call a poison center/doctor. If exposed or concerned: get medical advice/attention.

[STORAGE]

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

[DISPOSAL] Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

ADDITIONAL INFORMATION

**HNOC – HAZARDS
NOT OTHERWISE
CLASSIFIED** Not applicable

**UNKNOWN ACUTE
TOXICITY** 4.5% of the mixture consists of ingredient(s) of unknown acute toxicity.

3. Composition/information on ingredients

| Chemical Name | CAS Number | Weight % |
|----------------------------|-------------------------|-----------|
| Calcium Carbonate | 1317-65-3 | 30 – 60%* |
| Ethylene | 107-21-1 | 1 – 5%* |
| Petroleum Distillates | 64742-88-7 / 64742-47-8 | 0.1 – 1%* |
| Crystalline Silica, Quartz | 14808-60-7 | 0.1 – 1%* |

*Means that the component will fall into one the ranges specified due to batch-to-batch variability.

4. First-aid measures

ROUTES OF EXPOSURE

| | DESCRIPTION |
|----------------------|--|
| Eye Contact: | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately. |
| Skin Contact: | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists. |
| Inhalation: | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. |
| Ingestion: | If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention. |

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

ROUTES OF EXPOSURE

| | DESCRIPTION |
|----------------------|--|
| Eye Contact: | May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |
| Skin Contact: | May cause skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis. |
| Inhalation: | May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease. |
| Ingestion: | May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting. |

**INDICATION OF IMMEDIATE MEDICAL
ATTENTION AND SPECIAL TREATMENT NEEDED**

Not applicable

5. Fire-fighting measures

Flammability: Not Flammable by WHMIS/OSHA HAZCOM2012 Criteria
**Suitable Extinguishing
Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable Extinguishing Media:

CAUTION: Use of water spray when fighting fire may be inefficient

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Products of Combustion:

May include, and are not limited to: oxides of carbon

Explosion Data

Sensitivity to

Mechanical Impact:

Not available.

Sensitivity to

Static Discharge:

Not available.

6. Accidental release measures

**PERSONAL PRECAUTIONS,
PROTECTIVE EQUIPMENT,
AND EMERGENCY**

PROCEDURES:

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**METHODS AND MATERIALS FOR
CONTAINMENT AND CLEANING UP**

Methods for Containment:

Prevent further leakage or spillage if safe to do so. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning-Up:

Pick up and transfer to properly labeled containers.

7. Handling and storage

Handling:

Use in well-ventilated areas. Wear chemical resistant gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Do not take internally.

General Hygiene Advice:

Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

**CONDITIONS FOR SAFE STORAGE,
INCLUDING ANY INCOMPATIBILITIES**

Storage:

Keep out of the reach of children. Keep container tightly closed. Store locked up. Store at room temperature and keep containers closed when not in use.

8. Exposure controls/personal protection

Occupational Exposure Limits

| Chemical Name | OSHA-PEL | ACGIH-TLV |
|----------------------------|---|-----------------------------|
| Calcium Carbonate | 5 mg/m ³ (Resp.) 15 mg/m ³ (Total) | 5 mg/m ³ (Resp.) |
| Ethylene Glycol | 50 ppm | 50 ppm |
| Petroleum Distillates | 200 mg/m ³ | 200 mg/m ³ |
| Crystalline Silica, Quartz | 0.1 mg/m ³ | 0.025 mg/m ³ |

EXPOSURE CONTROLS

Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fumes, vapor, etc.) below recommended exposure limits.

INDIVIDUAL PROTECTION MEASURES

Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]
- ii. **Skin Protection:**
 1. **Hand Protection:** Wear chemical resistant gloves.
 2. **Body Protection:** Wear suitable protective clothing
- iii. **Respiratory Protection:** A NIOSH approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).
- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

9. Physical and chemical properties

| | |
|--|------------------|
| Appearance (physical state, color, etc.): | White Paste |
| Odor: | Latex |
| Odor Threshold: | Not available |
| pH: | 8.50 – 9.30 |
| Melting point/Freezing point: | Not available |
| Initial boiling point and boiling range: | Not available |
| Flash point: | Not available |
| Evaporation rate (Water=1): | Not available |
| Flammability: | Not flammable |
| Upper Flammability/Explosive Limit: | Not available |
| Lower Flammability/Explosive Limit: | Not available |
| Vapor Pressure | Not available |
| Vapor Density: | Not available |
| Relative Density: | 1.20 – 1.35 g/mL |
| Solubility in Water: | Slightly Soluble |
| Partition coefficient: n-octanol/water: | Not available |
| Auto-ignition temperature: | Not available |
| Decomposition Temperature: | Not available |
| Viscosity (cps): | Not available |
| VOC Content: | 65 g/L |

10. Stability and reactivity

REACTIVITY

CHEMICAL STABILITY

POSSIBILITY OF HAZARDOUS REACTION

CONDITIONS TO AVOID

INCOMPATIBLE MATERIALS

HAZARDOUS DECOMPOSITION PRODUCTS

No dangerous reaction known under conditions of normal use.

Stable under recommended storage conditions

No dangerous reaction known under conditions of normal use.

Heat. Incompatible materials.

Strong acids and oxidizing agents.

Upon decomposition, this product may yield oxides of carbon

11. Toxicological information

LIKELY ROUTES OF EXPOSURE:

Skin contact, skin absorption, eye contact, inhalation, and ingestion.

SYMPTOMS RELATED TO PHYSICAL/ CHEMICAL/TOXICOLOGICAL CHARACTERISTICS

Eye Contact:

May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin Contact:

May cause skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.

Inhalation:

May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease.

Ingestion:

May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

| Acute Toxicity | | |
|-----------------------------------|----------------------------|--------------------------|
| Total ATE mix (oral) = 8073 mg/kg | | |
| Chemical Name | LC50 | LD50 |
| Calcium Carbonate | Not available | Oral: > 5,000 mg/kg, rat |
| Ethylene Glycol | Inhalation: >2.5 mg/L, rat | Oral: 4,700 mg/kg, rat |
| Petroleum Distillates | Inhalation: > 5000ppm, rat | Oral: > 5,000 mg/kg, rat |
| Crystalline Silica, Quartz | Not available | Not available |

| Carcinogenicity | |
|----------------------------|---|
| Chemical Name | Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65) |
| Calcium Carbonate | Not Listed |
| Ethylene Glycol | G-A4 |
| Petroleum Distillates | Not Listed |
| Crystalline Silica, Quartz | N-A2, I-1, O-1, ACGIH-A2, CP65 |

DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

| SHORT-TERM | |
|--|--|
| Skin Corrosion/Irritation: | May cause skin irritation |
| Serious Eye Damage/Irritation: | May cause eye irritation |
| Respiratory Sensitization: | Not available |
| Skin Sensitization: | Not available |
| STOT-Single Exposure: | Not available |
| Aspiration Hazard: | Not available |
| LONG-TERM | |
| Carcinogenicity: | May cause cancer |
| Germ Cell Mutagenicity: | Not available |
| Reproductive Toxicity: | Not available |
| STOT-Repeated Exposure: | Causes damage to organs through prolonged or repeated exposure |
| Synergistic/Antagonistic Effects: | Not available |

12. Ecological information**ECOTOXICITY:**

May cause long-term, adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

| Ecotoxicity | | |
|----------------------------|--------------------|--------------------|
| Chemical Name | EC50/NOEC-48 Hours | LC50/NOEC-96 Hours |
| Calcium Carbonate | Not available | Not available |
| Ethylene Glycol | Not available | Not available |
| Petroleum Distillates | Not available | Not available |
| Crystalline Silica, Quartz | Not available | Not available |

PERSISTENCE AND DEGRADABILITY:
BIOACCUMULATIVE POTENTIAL:
MOBILITY IN SOIL:
OTHER ADVERSE EFFECTS:

Not available

Not available

Not available

Not available

13. Disposal considerations**DISPOSAL METHOD:**

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

OTHER DISPOSAL CONSIDERATIONS:

Not available

14. Transport information

| DOT (U.S.) | TDG (CANADA) |
|---------------------------------------|---------------------------------------|
| UN NUMBER: | UN NUMBER: |
| Not regulated | Not regulated |
| UN PROPER SHIPPING NAME: | UN PROPER SHIPPING NAME: |
| Not regulated | Not regulated |
| TRANSPORT HAZARD CLASS (ES): | TRANSPORT HAZARD CLASS (ES): |
| Not regulated | Not regulated |
| PACKING GROUP (if applicable): | PACKING GROUP (if applicable): |
| Not regulated | Not regulated |

SUMMARY: Product is not regulated under DOT/TDG and other transportation regulations.

ENVIRONMENTAL HAZARDS:

Not available

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:

Not available

SPECIAL PRECAUTIONS FOR USER:

Do not handle until all safety precautions have been read and understood.

15. Regulatory information

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

US: SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

US FEDERAL INFORMATION:

| CHEMICAL NAME | SARA TITLE III | | | |
|----------------------------|-----------------------------|--------------------------|-----------------|-------------------|
| | SECTION 302 (EHS) TPQ (LBS) | SECTION 304 EHS RQ (LBS) | CERCLA RQ (LBS) | SECTION 313 (TRI) |
| Calcium Carbonate | Not Listed | Not Listed | Not Listed | Not Listed |
| Ethylene Glycol | Not Listed | Not Listed | 5,000 | 313 |
| Petroleum Distillates | Not Listed | Not Listed | Not Listed | Not Listed |
| Crystalline Silica, Quartz | Not Listed | Not Listed | Not Listed | Not Listed |

US STATE RIGHT TO KNOW LAWS:

| | |
|---|--|
| California Proposition 65: | WARNING! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm |
| Other U.S. States "Right to Know" Lists: | |
| New Jersey: | Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Petroleum Distillate: CAS#64742-88-7 Petroleum Distillate: CAS#64742-47-8 |
| | Silica, Quartz: CAS#14808-60-7 |
| Pennsylvania: | Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Petroleum Distillate: CAS#64742-88-7 Petroleum Distillate: CAS#64742-47-8 Silica, Quartz: CAS#14808-60-7 |
| Massachusetts: | Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Petroleum Distillate: CAS#64742-88-7 Petroleum Distillate: CAS#64742-47-8 Silica, Quartz: CAS#14808-60-7 |
| Minnesota: | Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Petroleum Distillate: CAS#64742-88-7 Petroleum Distillate: CAS#64742-47-8 Silica, Quartz: CAS#14808-60-7 |
| Florida: | Not Available |
| Michigan: | Not Available |

GLOBAL INVENTORIES

| Chemical Name | USA TSCA | Canada DSL/NDSL |
|-----------------------|----------|-----------------|
| Calcium Carbonate | Yes | NDSL(*) |
| Ethylene Glycol | Yes | DSL |
| Petroleum Distillates | Yes | DSL |

| | | |
|----------------------------|-----|-----|
| Crystalline Silica, Quartz | Yes | DSL |
|----------------------------|-----|-----|

*Exemption: Natural occurring chemical

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

| | |
|------------------|---|
| CP65 | California Proposition 65 |
| OSHA (O) | Occupational Safety and Health Administration |
| ACGIH (G) | American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> • A1 – Confirmed human carcinogen • A2 – Suspected human carcinogen • A3 – Animal carcinogen • A4 – Not classifiable as a human carcinogen • A5 – Not suspected a human carcinogen |
| IARC (I) | International Agency for Research on Cancer <ul style="list-style-type: none"> • 1 – The agent (mixture) is carcinogenic to humans |
| | <ul style="list-style-type: none"> • 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals. • 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals. • 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans. • 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans. |
| NTP (N) | National Toxicology Program <ul style="list-style-type: none"> • 1 – Known to be carcinogens • 2 – Reasonably anticipated to be carcinogens |

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, www.aiha.org and 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.