4.0 MANUFACTURER TECHNICAL INFORMATION TILE (09310)

TAB#	MANUFACTURER/VENDOR	ITEM
B	SGM www.sgm.com (GROUTS AND MORTARS) (954) 943-2288	MSDS for Grouts and Sealers

SECTION 09310 – TILE
TAB B – MSDS FOR CERAMIC TILE

Item	**Vendor/Manufacturer**	**Page**
FLOOR AND WALL THINSET 726/727 – MSDS	SOUTHERN GROUTS AND MORTARS, INC. WWW.SGM.COM	1
SECURITY POLYMER GROUT - MSDS	SOUTHERN GROUTS AND MORTARS, INC. WWW.SGM.COM	3
DRYSET TILE GROUT (UNSANDED) - MSDS	SOUTHERN GROUTS AND MORTARS, INC. WWW.SGM.COM	5
GROUT SEALER - MSDS	SOUTHERN GROUTS AND MORTARS, INC. WWW.SGM.COM	6
SOUTHCRETE 35 LIQUID LATEX - MSDS	SOUTHERN GROUTS AND MORTARS, INC. WWW.SGM.COM	8

Material Safety Data Sheet

Section I
Product Identification: ***FLOOR and WALL THINSET 726/727***
==========

Southern Grouts and Mortars, Inc.
1502 SW 2nd Place
Pompano Beach, Florida 33069
(954) 943-2288

==========
Section II - Components Ingredient

Hazardous Components: ***Portland Cement: (CAS 65977-15-1)***
OSHA PEL: ***50 MPPCF***
ACGIH TLV: ***10 mg/m3 -TWA***
Silica Sand (CAS 14808-60-7)
OSHA PEL: ***0.1 MG/M3 (Respirable dust) 0.3 mg/m3 (Total dust)***
ACGIH TLV: ***0.1 mg/m3 (Respirable dust)***
==========
SECTION III - PHYSICAL DATA

Boiling Point : ***N/A***
Vapor Pressure : ***N/A***
Vapor Density : ***N/A***
Evaporation Rate : ***N/A***
Solubility in Water : ***Miscible***
Specific Gravity : ***2.5***
Melting Point : ***N/A***
Appearance and odor : ***Gray or white coarse textured powder; no odor.***
==========
Section IV - Fire and Explosion Data

Flash point : ***N/A***
Flammable Limits : ***N/A***
Extinguishable Media : ***N/A***
Special Fire Fighting Procedures: ***N/A***
Unusual Fire and Explosion Hazards: ***N/A***
==========
Section V - Reactivity Data

Stability : ***Stable***
Incompatibility : ***Mineral Acids***
Hazardous Decomposition or byproducts: ***Thermal decomposition may cause carbon monoxide.***
Hazardous Polymerization : ***Will not occur.***

Section IV - Health Hazard Data

Primary Routes of Entry
Inhalation: ***Yes*** *Skin:* ***Yes*** *Ingestion:* ***Yes***
Health Hazards
Acute: ***Can dry the skin. Dust can irritate eyes and upper respiratory system.***
Chronic: ***Dust can cause inflammation of interior of nose, throat respiratory tract; Headache and nausea.***
Carcinogenicity: ***N/A***
NTP: ***No*** *IARC Monographics:* ***No*** *OSHA Regulated:* ***No***
Signs and Symptoms of Exposure: ***Shortness of breath, excessive inhalation may cause headache, nausea and dizziness.***
Medical Conditions Aggravated by Exposure: ***None Known***
Emergency and First Aid Procedure: ***Irrigate eyes with water. Wash exposed skin area with water. Remove person to fresh air. If accidentally ingested consult physician.***
==========
Section VII - Precautions for Safe Handling and Use

Released or Spilled : ***Scrape up and place in closed container.***
Waste Disposal Method: ***Dispose as common waste in unrestricted landfill.***
==========
Section VIII - Control Measures

Respiratory Protection:
Ventilation: ***None required if well ventilated.***
Local Exhaust: ***Yes*** *Mechanical:* ***N/A*** *Special:* ***N/A***
Protective Gloves: ***Rubber gloves recommended.***
Eye Protection: ***Tight fitting safety goggles.***
Other Protective Clothing: ***N/A***
Work Hygienic Practices: ***Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.***
==========
Date: _____

Disclaimer:

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy. Since the use of this information and the conditions of use of the product are not within the control of Southern Grouts and Mortars, Inc., it is the users obligation and responsibility to determine the condition of safe use of the product. SGM Inc., assumes no responsibility for personal injury or property damage.

Security Polymer Grout
Page Material Safety Data Sheet

Section I
Product Identification: SECURITY POLYMER GROUT
==========

Southern Grouts and Mortars, Inc.
1502 S.W. 2nd Place
Pompano Beach, Florida 33069
(954) 943 - 2288

==========
Section II - Components Ingredient

Hazardous Components: Portland Cement (CAS 65977-15-1)
OSHA PEL: 50 MPPCF
ACGIH TLV: 10 mg/m3 - TWA
Silica Sand (CAS 01-14808-60-7)
OSHA PEL: 0.1 mg/m3 (respirable dust) 0.3 mg/m3 (total dust)
ACGIH TLV: 0.1 mg/m3 (respirable dust)
Pigments Nuisance Dust
OSHA PEL: 5 mg/m3 (respirable dust) 15 mg/m3 (total dust)
ACGIH TLV: 10 mg/m3 - TWA
==========
SECTION III - PHYSICAL DATA

Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Solubility in Water: Miscible
Specific Gravity: 2.5
Melting Point: N/A
Appearance and odor: Gray, white or colored coarse textured powder, no odor.
==========
Section IV - Fire and Explosion Data

Flash point: N/A
Flammable Limits: N/A
Extinguishable Media: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

*Colors may contain one or more of the following pig ments: Yellow Iron Oxide (CAS 57124-00-1), Red Iron Oxide (CAS 1309-37-1), Black Iron Oxide (CAS 1317-61-9), Chromium Oxide (CAS 1308-38-9), Carbon Black (CAS 1333-86-4), Metal Oxide Silicate (CAS 12713-03-03-0), Titanium Dioxide (CAS 13463-67-7), Phthalocyanine Blue (CAS 471-34-1, CAS 574-37-5), Calcium Carbonate (CAS 1317-65-3).
==========

Section V - Reactivity Data

Stability: Stable
Incompatibility: Mineral acids
Hazardous Decomposition or byproducts: No appreciable decomposition.
Hazardous Polymerization: Will not occur.
==========
Section IV - Health Hazard Data

Primary Routes of Entry
Inhalation: Yes
Skin: Yes
Ingestion: No
Health Hazards
Acute: Portland cement can dry the skin and cause alkali burns, dust can irritate eyes and upper respiratory systems.
Chronic: Dust can cause inflammation of interior of nose and eyes.
Carcinogenicity: Prolonged exposure to dust over the TLV may cause scarring of lungs and delayed lung injury (silicosis).
NTP: No
IARC Monographics: No
OSHA Regulated: No
Signs and Symptoms of Exposure: Shortness of breath, coughing and redness of eyes.
Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergenic dermatitis.
Emergency and First Aid Procedure: Irrigate eyes with water. Wash exposed sk in areas with water. Remove person to fresh air. If accidentally ingested consult physician.
==========
Section VII - Precautions for Safe Handling and Use

Released or Spilled : Collect spills using dustless method. Wear OSHA approved respirator for Silica dust.
Waste Disposal Method: Dispose as common waste in unrestricted landfill.
==========
Section VIII - Control Measures

Respiratory Protection: OSHA approved respirator for Silica dust.
Ventilation:
Local Exhaust: Yes
Mechanical: N/A
Special: N/A
Protective Gloves: Rubber gloves recommended.
Eye Protection: Tight fitting safety goggles.
Other Protective Clothing: Barrier cream; boots & clothing should protect skin from contact with product.
Work Hygienic Practices: Good housekeeping practice is recommended.
==========
Date: _____

Disclaimer :

The information contained herein is based on data considered accurate. However, no warranty is

Dry-set Tile Grout
Page Material Safety Data Sheet

Section I
Product Identification: DRYSET TILE GROUT (Unsanded)
==========

Southern Grouts and Mortars, Inc.
1502 SW 2nd Place
Pompano Beach, Florida 33069
(954) 943-2288

==========
Section II - Components Ingredient

Hazardous Components: Portland Cement (CAS 65977-15-1)
OSHA PEL: 50 MPPCF
ACGIH TLV: 10 mg/m3 - TWA
Pigments Nuisance Dust
OSHA PEL: 5 mg/m3 (respirable dust) 15 mg/m3 (total dust)
ACGIH TLV: 10 mg/m3 - TWA
==========
SECTION III - PHYSICAL DATA

Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Solubility in Water: Miscible
Specific Gravity: 2.5
Melting Point: N/A
Appearance and odor: Gray, white or colored coarse textured powder, no odor.
==========
Section IV - Fire and Explosion Data

Flash point: N/A
Flammable Lim its: N/A
Extinguishable Media: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

*Colors may contain one or more of the following pigments: Yellow Iron Oxide (CAS 57124-00-1), Red Iron Oxide (CAS 1309-37-1), Black Iron Oxide (CAS 1317-61-9), Chro mium Oxide (CAS 1308-38-9), Carbon Black (CAS 1333-86-4), Metal Oxide Silicate (CAS 12713-03-03-0), Titanium Dioxide (CAS 13463-67-7), Phthalocyanine Blue (CAS 471-34-1, CAS 574-37-5), Calcium Carbonate (CAS 1317-65-3).
==========
Section V - Reactivity Data

Stability: Stable
Incompatibility: Mineral acids
Hazardous Decomposition or byproducts: No appreciable decomposition.
Hazardous Polymerization: Will not occur.
==========

Material Safety Data Sheet

Product: GROUT SEALER

Manufacturer:

SGM, INC.

1502 S.W. 2ND PLACE
POMPANO BEACH, FL 33069

☎ Information Phone: 800-641-9247

SECTION I – PRODUCT IDENTITY

Trade Name: **GROUT SEALER**

DOT Information:

UN Number:	None
Classification:	Not Regulated
Proper Shipping Name:	Not Applicable
Packaging Group:	Not Applicable

Hazard Rating:

FIRE – 0 REACTIVITY - 0 TOXICITY - 0

4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

** These values are obtained using the guidelines from the National Fire Protection Association or the National Paint and Coating Association

SECTION II – HAZARDOUS INGREDIENTS

Potassium Methyl Siliconate < 4% **CAS #: 31795-24-1**

(See Note: 1)

Exposure limits:

OSHA PEL:	None Established
ACGIH TLV:	None Established

SECTION III – PHYSICAL & CHEMICAL DATA

Boiling Point:	212°F/100°C	**Melting Point:**	Not Applicable
Vapor Pressure (mmHg):	30mm	**Solubility in H_2O:**	Complete
Specific Gravity (H_2O = 1):	1.02	**Evaporation Rate (Butyl Acetate = 1):**	<1
pH:	12.5	**Vapor Density:**	Not Applicable
Appearance & Odor:	Milky white liquid with mild odor	**VOC's**	0.0 g/L

SECTION IV – FIRE & EXPLOSION DATA

Flash Point: None Open/Closed: N/A

Flammable Limits: **LEL:** Not Applicable **UEL:** Not Applicable

Fire extinguishing materials: Use appropriate agent for surrounding materials.

Special fire fighting procedures: None

Unusual fire & explosion hazards: None

SECTION V – REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): Acids

Hazardous byproducts of decomposition/combustion: None

Hazardous polymerization: Will not occur

SECTION VI – HEALTH HAZARD DATA

Routes of Exposure & Effects

Skin: Prolonged or repeated contact may cause irritation, redness, drying

Eye: Liquid and mists will irritate eyes and may cause tearing or burning

Ingestion: Ingestion may cause irritation of digestive tract

Inhalation: Spray or mists may cause irritation or burning of mucous membranes.

Acute & Chronic Overexposure Effects

Acute: May cause mild to moderate irritation to the eyes, skin, and mucous membranes.

Chronic: Unnecessary exposure to any chemical should be avoided.

Medical Conditions Generally Aggravated by Exposure: None Known.

Toxicity Data

No components listed as carcinogenic with: OSHA, NTP and IARCM

Toluene may be present in trace amounts, and is on the OSHA Subpart Z list.

SECTION VI – HEALTH HAZARD DATA - Continued

EMERGENCY & FIRST AID PROCEDURES:

EYES: Immediately flush eyes with copious amounts of water. If irritation persists, seek medical attention.
SKIN: Wash with soap and water. If irritation persists seek medical attention.
INHALATION: Relocate to fresh air. If symptoms persist, seek medical attention.
INGESTION: ***DO NOT INDUCE VOMITING!*** Drink 1 or 2 glasses of water. If spontaneous vomiting is inevitable, prevent aspiration by keeping the victim's head below knees. Seek immediate medical attention.

SECTION VII – PERSONAL PROTECTION

Ventilation & Exhaust:	Local exhaust and openings.
Respiratory Protection:	If spraying or atomizing, wear NIOSH approved high-efficiency respirator rated for mists, dusts, and particulates
Eye Protection:	Wear goggles or safety glasses.
Gloves:	Wear rubber, nitrile or latex gloves. Use as necessary to prevent skin contact.
Other Clothing or Equipment:	Use as necessary to prevent skin contact.
Work/Hygienic Practice:	Normal, safe work practices should be exercised when using this product.

SECTION VIII – SAFE HANDLING & USE

Storage & Handling:	Store material in cool, dry location. Protect from freezing to prevent coagulation of material.
Spills or leaks:	Soak up with compatible absorbent material (sand, clay litter, diatomaceous earth).
Waste Disposal:	Dispose materials in accordance with all applicable local, state and federal regulations. D002, Corrosive, 40CFR261.22a

SECTION IX – OTHER INFORMATION

The aforementioned is believed to be correct as of the date hereof, however, no warranty is made, express or implied, regarding the accuracy of this document, since the information contained herein may be applied under conditions beyond our control and under conditions with which we may be unfamiliar. Since data made available subsequent to the date hereof may suggest modification of the information, recipients are advised to determine in advance the suitability of the material for their precise purposes and on the condition that they assume the risk of use thereof.

Notes (Not intended to be all inclusive):

Note 1: While no PEL or TLV established for this chemical, guidelines for potassium hydroxide are recommended during heavy and prolonged use.

Abbreviations (if used):

OSHA Occupational Safety and Health Administration
NTP National Toxicology Program
IARCM Int'l Agency for Research on Cancer Monographs

© Copyright 2003

SGM, INC.
1502 S.W. 2ND PLACE
POMPANO BEACH, FL 33069

☎ Information Phone: 800-641-9247

Material Safety Data Sheet

Section I
Product Identification: ***SOUTHCRETE 35 LIQUID LATEX***
==========

Southern Grouts & Mortars, Inc.
1502 S.W. 2ND Place
Pompano Beach, Florida 33069
(954) 943 - 2288

==========
Section II - Components Ingredient - ***Corboxylated Styrene Butadine Copolymer***

Hazardous Components: ***Mixture not classified***
==========
SECTION III - PHYSICAL DATA

Boiling Point : ***212 F***
Vapor Pressure : ***N/A***
Vapor Density : ***N/A***
Evaporation Rate : ***N/A***
Solubility in Water : ***Dilutable***
Specific Gravity :***1.0 - 1.1***
Melting Point : ***N/A***
Appearance and odor : ***White milky fluid, bland odor***
==========
Section IV - Fire and Explosion Data

Flash point : ***Nonflammable***
Flammable Limits : ***N/A***
Extinguishable Media : ***Will not support combustion***
Special Fire Fighting Procedures: ***N/A***
Unusual Fire and Explosion Hazards: ***N/A***
==========
Section V - Reactivity Data

Stability : ***Stable***
Incompatibility : ***Mineral Acids***
Hazardous Decomposition or byproducts: ***Monomer vapors may occur if overheated.***
Hazardous Polymerization : ***Will not occur.***
==========

Section IV - Health Hazard Data

Primary Routes of Entry
Inhalation: ***Yes*** *Skin:* ***Yes*** *Ingestion:* ***Yes***
Health Hazards
Acute: ***Can dry the skin, can irritate eyes and upper respiratory system.***
Chronic: ***Inhalation may cause inflammation of interior of nose, throat, respiratory tract. Headache and/or nausea.***
Carcinogenicity: ***N/A***
NTP: ***No*** *IARC Monographs:* ***No*** *OSHA Regulated:* ***No***
Signs and Symptoms of Exposure: ***Shortness of breath. Excessive inhalation may cause headache, nausea and dizziness.***
Medical Conditions Aggravated by Exposure: ***None known.***
Emergency and First Aid Procedure: ***Irrigate eyes with water. Wash exposed skin areas with water. Remove person to fresh air. If accidentally ingested consult physician.***
==========
Section VII - Precautions for Safe Handling and Use

Released or Spilled : ***Scrape up and place in closed container.***
Waste Disposal Method: ***Dispose as common wasted according to local, state and federal regulations.***
==========
Section VIII - Control Measures

Respiratory Protection: ***None required if well ventilated.***
Ventilation
Local Exhaust: *Yes* *Mechanical:* ***N/A*** *Special:* ***N/A***
Protective Gloves: ***Rubber gloves recommended.***
Eye Protection: ***Tight fitting safety goggles.***
Other Protective Clothing: ***Avoid contact with skin, eyes and clothing. Wash hand thoroughly after handling.***
Work Hygienic Practices: ***Good housekeeping practice is recommended.***
==========
Date: _____

Disclaimer:

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy. Since the use of this information and the conditions of use of the product are not within the control of Southern Grouts and Mortars, Inc., it is the users obligation and responsibility to determine the condition of safe use of the product. SGM Inc., assumes no responsibility for personal injury or property damage.