



Material Safety Data Sheet

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION:

- 1.1 Product Name:** **Diamond Quartz**
- 1.2 Company Identification:** Southern Grouts and Mortars, Inc.
1502 SW 2nd Place
Pompano Beach, Florida 33069
(954) 943-2288

SECTION 2 - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient:	CAS #:	Occupational Exposure Limit:
1) Silica Sand	14808-60-7	OSHA PEL: 5 mg/m ³ ACGIH TLV: 5 mg/m ³
2) Cobalt Compounds	none	OSHA PEL: n/a ACGIH TLV: 0.02 mg/m ³
3) Carbon Black	1333-86-4	OSHA PEL: 3.5 mg/m ³ ACGIH TLV: 3.5 mg/m ³
3) Rutile Titanium Dioxide	1317-80-2	OSHA PEL: 10 mg/m ³ ACGIH TLV: 10 mg/m ³
3) Chromium Oxide	1308-38-9	OSHA PEL: 0.5 mg/m ³ ACGIH TLV: 0.5 mg/m ³
3) H ₂ O	7732-18-5	OSHA PEL: 0 mg/m ³ ACGIH TLV: 0 mg/m ³

*NOTE: 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), 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 3 - PHYSICAL / CHEMICAL PROPERTIES

3.1 Appearance and Odor

Physical state: granular solid
Odor: Odorless

3.2 Physical Data

Boiling Point: N/A
Melting Point: None
Vapor Pressure: N/A
Vapor Density: No available data
Evaporation Rate: N/A
Solubility in Water: Insoluble
Specific Gravity: 2.7

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: N/A

Flammable Limits: N/A

Extinguishable Media: Non-combustible

NFTA Ratings: Health 0; Flammability 0; Reactivity 0

Special Fire Fighting Procedures: Wear full protective clothing-helmet, breathing apparatus etc.

Unusual Fire and Explosion Hazards: N/A

Combustion Products: N/A

SECTION 5 – STABILITY AND REACTIVITY DATA

Chemical Stability: Stable

Incompatibility (Materials to avoid): None known

Hazardous Decomposition or Byproducts: hazardous decomposition products may only occur as a result of oxidation, heating, or reaction with other material. If used as recommended, no hazardous decomposition products are expected.

Hazardous Polymerization: none

SECTION 6 - HEALTH HAZARD DATA

6.1 Primary Routes of Entry:

Eyes: Yes. Pain, redness, tearing, corneal abrasion

Skin: Yes. Abrasion, redness, pain, itching

Inhalation: Yes. Upper respiratory tract irritation. Signs/symptoms may include coughing, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.

Ingestion: No adverse health effects are expected from swallowing.

6.2 Health Hazards

Acute:

Chronic: Prolonged or repeated exposure, above recommended guidelines, may occur silicosis.

Carcinogenicity: Prolonged exposure to dust over the TLV may cause scarring of lungs and delayed lung injury (silicosis)

NTP: No

Monographs: No

Signs and Symptoms of Exposure: Breathlessness, weakness, chest pain, persistent cough, increased amounts of sputum, and heart disease

Medical Conditions Aggravated by Exposure:

6.3 Emergency and First Aid Procedure:

Irrigate eyes with large amounts of water. Wash exposed skin with soap and water. If ingested, do not induce vomiting unless instructed by medical personnel. Instead, give victim two glasses of water and get medical attention. If inhaled, remove person to fresh air. If symptoms persist, get medical attention or consult physician.



SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

7.1 Handling and Storage:

Avoid prolonged or repeated skin contact. Limit airborne exposures within Occupational Exposure Limits by using general dilution ventilation and local exhaust ventilation. Otherwise, use respiratory protection equipment. Product recommended for industrial and professional use.

7.2 Other Precautions:

Do not breathe dust and avoid excessive contact with skin and eyes

7.3 Released or Spilled:

Scrape up and place in container.

7.4 Waste Disposal Method:

Dispose as common waste according to local, state and Federal Regulations

SECTION 8 – CONTROL MEASURES

Respiratory Protection: Use NIOSH approved respirators based on airborne concentration of contaminants in accordance with OSHA regulations

Ventilation: Yes

Local Exhaust: Yes **Mechanical:** N/A **Special:** N/A

Protective Gloves: Not normally required but rubber gloves may avoid prolonged skin contact

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: 05.2012

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.