

## MATERIAL SAFETY DATA SHEET

IDENTITY: Quik Rock Grey

### SECTION I

Manufacturer Name:	Emergency Telephone Number
Green Chemical Corporation	866-910-2007
PO Box 3187.	Telephone For Information
Holiday, FL 34692	866-910-2007
	Date Prepared
	March 2007
	Prepared By: Staff

### SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACHIH TLV	OTHER LIMITS
Silicon Dioxide SiO <sub>2</sub>	10mg/m <sup>3</sup> 8 hr TWA	0.1 mg/M <sup>3</sup>	0.5mg/m <sup>3</sup> 10hr. TWA
CAS # 14808-60-7			

### SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:..... 4046 deg. F	Specific Gravity.(H <sub>2</sub> O=1) 2.65
Vapor Pressure(mm Hg).... None	Melting Point.....: 3050 deg. F
Vapor Density (water=1).... None	Evaporation Rate.....: None
Solubility in water..... Insoluble	(Butyl Acetate=1)
Appearance and Odor: White or tan sand, granular, odorless	

### SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point (Method Used):None Flammable Limits: None LEL: UEL:  
Extinguishing Media: None required. Sand may be used as an extinguishing media

Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: None

SECTION V #670 Sand pg. 2

Stability Unstable | | Stable |  Conditions to Avoid: None

Incompatibility (materials to avoid): Contact with powerful oxidizing agents such as fluorine may cause fires.

Hazardous Decomposition or Byproducts: Silica will dissolve in hydrofluoric acid and produce a corrosive gas - silicon tetrafluoride

Hazardous Polymerization May occur | | Will not occur  Conditions to Avoid: None

SECTION VI - Health Hazard Data

Route(s) of entry Inhalation? Yes Skin? No Ingestion? No

Health Hazards(Acute and Chronic): Prolonged exposure to respirable crystalline quartz may cause delayed (chronic) lung injury (silicosis).

Carcinogenicity: NTP? NO IARC Monographs)? Yes OSHA Regulated? NO  
IARC concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity to humans.  
Medical Conditions Generally Aggravated by Exposure: Respiratory and pulmonary disorders.  
Smoking aggravates the effects of exposure.

Emergency and First Aid Procedures: Eyes - Irrigate with water. If irritation persists, see physician. For gross inhalation, remove victim to fresh air, give artificial respiration as needed, seek medical attention as needed.

SECTION VII - Precautions for Safe Handling and Use

3

Steps to Be Taken in Case Material is Released or Spilled: Vacuum up and place into closable container for disposal, or flush with water. Do NOT dry sweep.

Waste Disposal Method: In accordance with federal, state and local ordinances.

Precautions For Storing and Handling: Avoid breakage and dusting.

Other Precautions: None

SECTION VIII - Control Measures

Respiratory Protection (Specify Type): When particulate concentration is up to 5 times PEL, use any NIOSH or MSHA approved respirator.

Ventilation | Local Exhaust: Yes Special:  
| Mechanical : Other:

Protective Gloves: Optional

Eye Protection: Safety glasses when exposed to dust particles

Other Protective Clothing or Equipment: Optional

Work Hygienic Practices: Avoid creating and breathing dust.