FLORIDA SILICA SAND CO. INC.
P.O.BOX 1271, DANIA, FL 33004

Material Safety Data Sheet

SECTION I

Manufacturer's Name: Florida Silica Sand Co. Inc.

Date: January 3, 1997

Address: P.O. Box 1271, 5801 Bryan Rd.
Dania, Fl 33004

Product Class: N/A

Emergency Telephone No:
954-923-8323
800-330-3521

Information Telephone No:
954-923-8323
800-330-3521

SECTION II HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity:Common Name (s))
Quartz Silica Sand, Crystalline Silica, Silicon Dioxide (SiO 2)
Exposure Limits Respirable Dust(CAS Number 14808-60-7)
Osha PELs: 0.1mg/m3 - 8 Hr Twa
Acgih Tlvs: 0.1mg/m3 - 8 Hr Twa

SECTION III PHYSICAL CHEMICAL DATA

Boiling Point: N/A
Vapor Pressure (mm Hg.): N/A
Vapor Density (AIR =1): N/A
Evaporation Rate-(Butyl Acetate =1): N/A
Solubility in Water: Insoluble

Appearance: Grayish White
Odor: None
Specific Gravity (H2 O = 1): 2.65
Melting Point: 2900 Degrees F, 1600 Degrees C

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (Method Used) Not Flammable
Flammable Limits: Not Flammable
Extinguishing Media: No Fire or Explosive Danger
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Not known

SECTION V REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Contact with incompatible materials.
Incompatibility (Materials to Avoid): Avoid fluorine, chlorine trifluride, manganese trioxide and oxygen difluoride. May cause fire/explosion. Hydrofluoric acid dissolves silica producing a corrosive gas (Silicon Tetrafluoride).
Hazardous Decomposition or Byproducts: Will not occur.
Hazardous Polymerization: Not known to polymerize.

SECTION VI HEALTH HAZARD DATA

ROUTE(S) OF ENTRY
Inhalation: Yes
Skin: No
Ingestion: Yes

Health Hazards (Acute and Chronic): Respiratory system (Respirable Dust) Silicosis - Individuals with pre-existing conditions of the lungs may have increased susceptibility to excessive exposures.

Carcinogenicity: Quartz - IARC states limited evidence to humans.

Signs and Symptoms of Exposure: Asthma and Respiratory diseases.

Medical Conditions Generally Aggravated by Exposure: Asthma and Respiratory diseases.

EMERGENCY AND FIRST AID PROCEDURES
Respiratory: Remove to fresh air, clear nose and throat, consult physician if continued difficulty in breathing.

Skin: Wash with soap and clean water.

Eye: Flush with clean water.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Clean-up immediately. Wetting of spilled material will avoid airborne dust. Use of respiratory protective equipment may be necessary if spill is of a large quantity.

Waste disposal method: Pick up and re-use clean materials. Dispose of waste materials only in accordance with applicable Federal, State and Local laws and regulations.

Precautions to be Taken in Handling and Storing: BULK: Store in bins or containers. BAGGED: Secure any torn bags to avoid spillage. Use a NIOSH, OSHA or MSHA approved respirator that is permissible with Quartz.

SECTION VIII CONTROL MEASURES

Respiratory Protection (Specify Type): A positive pressure full face respirator is required if respirable quartz dust exceeds 0.1mg/m3 - 8 Hr Twa.

Ventilation: Local Exhaust-General ventilation.
Mechanical (General)-Engineering controls.

Protective Gloves: Yes

Eye Protection: Goggles, glasses (side shields).

Other Protective Clothing or Equipment: Optional

Work/Hygienic Practices: Wear approved respirators, keep away from food, wash dust-exposed skin with soap and clean water, wash work clothes after each use.

SECTION IX REGULATION

Quartz is registered on the TSCA chemical inventory. However, it is not regulated.