



MATERIAL SAFETY DATA SHEET

Petrochem USA, Inc.
4111-D, N.W. 132nd Street
Opa-Locka, Florida 33054 U.S.A
Phone: (305)-685-8282 or (305)-685-9339

P-SF & P-SS

CHEMICAL CODE: P-SF & P-SS
PRODUCT NAME: SILICA FLOUR
MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: April 09, 1990

NFPA RATING:

Health Hazard: 0 Flammability: 0 Reactivity: 0 Other: None

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

Nominal Composition:

SILICON DIOXIDE

CAS Number

014808-60-7

SECTION 1 - PHYSICAL DATA

CHEMICAL NATURE:	Inert	FORM:	Granules
COLOR:	White to tan	ODOR:	None
VAP DENSITY (air=1):	Not determined	% SOL. IN WATER:	Insoluble
pH:	Not determined	SP. GRAVITY:	2.6
POUR PT.:	Not determined	BOILING POINT:	Not determined
VAP. PRESSURE:	Not determined	WT% VOLATILE:	Not determined

SECTION 2 - FIRE AND EXPLOSION HAZARD DATA

CHARACTERISTIC: Will not burn

FLASH POINT: >200 deg F >93 deg C **METHOD USED:** Not available

FLAMMABLE LIMITS (STP IN AIR) **LFL:** Not applicable **UFL:**Not applicable

EXTINGUISHING MEDIA: None needed

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: None known



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SECTION 3 - REACTIVITY HAZARDS

STABILITY: Stable

INCOMPATIBILITY: Dissolves in hydrofluoric acid.

HAZARDOUS DECOMPOSITION: None.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 4 - FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for 5 minutes. See a doctor if irritation occurs.

SKIN CONTACT: Wash thoroughly with soap and water. See a doctor if irritation occurs. Wash clothes thoroughly before reusing.

SWALLOWING: If several grams are swallowed, give 2 glasses of milk (preferred) or water and consult physician.

INHALATION: Remove to fresh air. See a doctor if effects occur.

NOTES: None.

SECTION 5 - HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT CODE: Q6

VENTILATION: General and local ventilation is required.

RESPIRATORY PROTECTION: Use NIOSH approved respirator with dust and mist protection (3M No. 8710).

PROTECTIVE CLOTHING: Clean, body-covering clothing and cotton gloves.

EYE PROTECTION: Chemical goggles required and an eye wash in work area.

EXPOSURE GUIDELINE(S): TLV is 0.1 mg/m³ (respirable fraction) for quartz silica.



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SECTION 6 - SPILL AND DISPOSAL PROCEDURE

CERCLA REPORTABLE QUANTITY: Not established.

SPECIAL HANDLING: Scoop into containers. Flush residual with plenty of water.

DISPOSAL METHOD FOR:

PRODUCT: Sanitary landfill.

EPA HAZARDOUS WASTE NUMBER: None.

CONTAINER: Send empty bags to sanitary landfill. Render other types of containers unuseable by puncturing or crushing and send to sanitary landfill.

DEGRADABILITY: Not biodegradable.

FISH TOXICITY: Low toxicity to fish.

ANIMAL TOXICITY: Low toxicity to mammals.

SECTION 7 - TOXICOLOGY (ROUTES OF EXPOSURE)

PRINCIPAL HAZARD (E=Eye, S=Skin, I=Inhal.): I

EYE CONTACT: May cause mechanical irritation.

SKIN CONTACT: No effect expected. Prolonged or repeated contact may cause mild irritation.

SWALLOWING: No effect expected. Swallowing large amounts may cause illness.

INHALATION: Prolonged overexposure may cause silicosis. May aggravate existing respiratory diseases.

OTHER: IRAC has reported "sufficient evidence for carcinogenicity of crystalline silica to experimental animals" and "limited evidence" with respect to humans. Silica is not listed as a cancer causing agent by NTP or OSHA.



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SECTION 8 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

SPECIAL PRECAUTIONS: None.

PHYSICAL HAZARD: None.

HANDLING AND STORAGE PRECAUTIONS: Avoid generating dust.

PACKAGING INFORMATION: Paper bag (minimum 3 ply), or other industrial container designed for powders and granulated materials.

ADDITIONAL INFORMATION: None.

The information herein is believed to be accurate and is presented in good faith; however, no warranties or representations are made by Petrochem USA, Inc. regarding the accuracy or completeness of the information.



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SHIPPING INFORMATION

ID NUMBER (UN # OR NA #): **FLASH PT.** >200 deg F, >93 deg C
BOILING PT. Not determined

ICC TARIFF CLASSIFICATION: Sand
ICC Item Number: 90220 **ICC Class:** 50 LTL 35 TL

DEPARTMENT OF TRANSPORTATION - DOT

Description: Not Regulated
Hazard Class: Not Regulated
Shipping Name: Not Regulated
DOT Label:
Comment:
DS Tank Ex. #: N/A
CERCLA RQ: Not established

US FOREIGN TRADE SCHEDULE B# (EXPORT):

CANADIAN SHIPMENTS -

Shipping name:
Special Provision:
Classification:

ICAO Class: **Pkg Group:**

WATER SHIPMENT (IMO) -

Shipping Name: Not regulated
Label(s):
Class: **Pkg Group:** **IMDG Page:**

MARPOL:

AIR SHIPMENTS (IATA) -

Shipping Name: Not regulated
Label(s):
Class: **Sub Risk:** **Pkg Group:**
Passenger Aircraft Pkg. Instr. **Max. Net Qty./Pkg.**
Cargo Aircraft Only Pkg. Instr **Max. Net Qty./Pkg.**

EUROPEAN ECONOMIC COMMUNITY (EEC) -

Risk Phrases: **Safety Phrases:** A1

Classification (Label):

Label Description:

ADR Class: Not regulated **RID Class:** **TREM Card:**

Hazard Classification:

Comment: A1=Exercise reasonable care and cleanliness.