

MATERIAL SAFETY DATA SHEET

Manufacturer: ProChem Inc.
826 Roosevelt Rd.
Rockford IL 61109

CUSTOMER SERVICE: (800) 795-8788
CHEMTREC (EMERGENCY ONLY): (800) 424-9300
POISON CENTER: (800) 562-8236

SECTION 1 Product Identification

CHEMICAL NAME: Silicon powder (99+%)

CAS REGISTRY NUMBER: 7440-21-3

FORMULA: Si

EINECS NUMBER: 231-130-8

CHEMICAL FAMILY: metal or element

SYNONYM: Polycrystalline silicon

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	7440-21-3	100	10mg/m3	15mg/kg (as total dust)

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Irritating to skin, eyes and respiratory tract.

PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation.

EYE CONTACT: Causes slight to mild irritation of the eyes.

SKIN CONTACT: Causes slight to mild irritation of the skin.

INHALATION: Inhalation of fine dust is irritating to the nasal cavity, mucous membranes and respiratory tract.

INGESTION: No specific information on the physiological effects of ingestion.

ACUTE HEALTH EFFECTS: Dust is irritating to skin, eyes and respiratory tract.

CHRONIC HEALTH EFFECTS: No information available on long-term exposure to this material.

NTP: No

IARC: No

OSHA: No

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

SKIN EXPOSURE: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

INGESTION: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.