

MATERIAL SAFETY DATA SHEET

PRODUCT MSDS No: 100-13

NAME: QUARTZ POWDER **WHMIS CLASS:** D2A

MANUFACTURER and SUPPLIER: PARADISE MINERALS

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MATERIAL IDENTIFICATION AND USE

QUARTZ COARSE/ POWDER are used for a variety of foundry, steel manufacture, and construction applications. Some common names for QUARTZ include SILICA,

PHYSICAL DATA

Melting Point: 1710°C **Boiling Point:** 2230°C

Solubility in Water: Insoluble

Appearance and Odour: Granular, crushed or ground, White colour, no appreciable odour.

Ingredients by Weight (%): SiO₂ (total) > 99.0

HAZARDOUS INGREDIENTS

Ingredients C.A.S. No. Concentration TLV (Units)

SiO₂ (Quartz) 14808-60-7 > 99.0 %. 0.1%

TLV – threshold limit value

FIRE AND EXPLOSION HAZARD DATA

The product will not burn or explode. It may be used as an extinguishing media on Class A and B fires.

Silica Sand Material Safety Data Sheet MSDS NO: 100-13

PREVENTATIVE MEASURES

In case of spills, use dustless methods (vacuum) and place into sealed container for disposal or flush with water. Do not dry sweep. Wear protective equipment as specified below. Dispose in accordance with federal, state or local regulations. Avoid breakage of bagged material or spills of bulk material. Use dustless system for handling, storage and clean up so that airborne dust does not exceed the permissible exposure limit. Use adequate ventilation and dust collection. Do not permit dust to collect on walls, floors, ledges, machinery, or equipment. Maintain, clean, and fit test respirators in accordance with the regulations respecting silica made under the Occupational Health and Safety Act. The following chart specifies the types of respirators, which may provide respiratory protection for crystalline silica.

FIRST AID MEASURES

- For skin exposures, wash with soap and water. Seek medical advice if irritation persists.
- For eye exposure, flush with water and seek medical advice if irritation persists.
- For ingestion, seek immediate medical aid.
- For gross inhalation, remove person immediately to fresh air, give artificial respiration as needed, seek medical attention as needed.