



Prairie Mud Service Ltd.

"Serving Western Canada with 24 Hour Drilling Mud Service"

MSDS (Material Safety Data Sheet)

INHALATION: Repeated or prolonged inhalation may cause toxic effects. This product has the potential for generation of respirable dust during handling and use. Dust may contain respirable crystalline silica. Overexposure to dust may result in pneumoconiosis, a respiratory disease caused by inhalation of mineral dust, which can lead to fibrotic changes to the lung tissue, or silicosis, a respiratory disease caused by inhalation of silica dust, which can lead to inflammation and fibrosis of the lung tissue, Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

Monographs on occupational exposures to chemical agents: Overall evaluation

Quartz (14808-60-7): 1 Human Carcinogen

Threshold limit Values: A2 Carcinogen

Quartz (14808-60-7): Group A2 suspected carcinogen

Report on Carcinogens: known carcinogen

Quartz (14808-60-7): known carcinogen

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: No special measures required. Get medical attention of irritation develops or persists.

EYE CONTACT: Flush eyes immediately with large amounts of water. Get medical attention if irritation develops or persist.

INGESTION: No special measures required. If ingestion of a large amount occurs, seek medical attention.

INHALATION: If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.

Notes to Physician: Provide general supportive measures and treat symptomatically.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Solid, Various colour, no odor
SPECIFIC GRAVITY:	~2.5503
BOILING POINT (°C):	Not available
MELTING POINT (°C):	Not available
SOLUBILITY IN WATER:	Negligible pH: 7-10
PERCENT VOLATILE BY VOLUME:	Non-explosive
EVAPORATION RATE:	Not available
VAPOUR PRESSURE (mmHg):	Not available
VAPOUR DENSITY (air = 1):	Not available
BULK DENSITY:	Not available



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SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Non-flammable
FLAMMABLE LIMITS:	Not available
EXTINGUISHING MEDIA:	Use any media suitable for the surrounding fires. Dry chemical, CO ₂ , water spray or regular foam.
SPECIAL FIRE FIGHTING PROCEDURES:	Material can be slippery when wet
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	None known	
CONDITIONS OF REACTIVITY:	Not available	
HAZARDOUS DECOMPOSITION PRODUCTS:	None Known	

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Use particulate filter respirator for particulate concentrations exceeding the Occupational exposure limit.
VENTILATION:	General mechanical ventilation is normally adequate. Use local exhaust ventilation, process enclosure or other engineering controls to maintain level of airborne dust below TLV.
PROTECTIVE GLOVES:	No special protective equipment required
EYE PROTECTION:	Wear dust goggles
OTHER PROTECTIVE EQUIPMENT (Specify):	Eye wash station is recommended. Use good hygiene practices in handling this material.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment. Guard against dust accumulation of this material. No special storage conditions required. No special restrictions on storage with other products.



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STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Material can be slippery when wet. Wear a dust mask if dust is generated above exposure limits. No special environmental precautions required. Avoid the generation of dusts during clean up. Collect dust or particulates using a vacuum cleaner with a HEPA filter. Reduce airborne dust and prevent scattering by moistening with water.

WASTE DISPOSAL METHOD

Dispose in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Dispose of, or recycle, empty packaging in accordance with local regulations.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH,
BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

DATE ISSUED: October 15, 2009 BY: Product safety committee