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CAPE SILICA SUPPLIERS

REG. NO. 2009/19370/23



UNIT 2, VINEYARDS 2, 17 CABERNET RD., SAXENBURG

info@silicasand.co.za

MATERIAL SAFETY DATA SHEET

Product Name:		Silica Sand-crystalline Silica (Quartz)
Manufacture:		Cape Silica Suppliers
Date of MSDS:		January 2020
Telephone No:		(021) 905 6499
1. Product Identification and use		
1.1 Identification:		Silica Sand – Crystalline Silica (Quartz)
Physical State:		Solid, Washed & Dried
Appearance:		Buff in colour
Odour:		Odourless
1.2 Product Use:		Play Sand, Sandblasting, Foundry Sand, Construction products, Filter sand, Ceramics etc.
2. Hazards Identification		
Fire:		Nil
Flash point:		Not Applicable
Explosion:		Take precautionary measures against static discharges during conveying and handling.
Inhalation:		Harmful, accumulative effects. Excessive Exposure to respirable dust should be avoided.
Skin:		No hazard expected.
Eyes:		Particles may scratch eyes or cause mechanical irritation.
Ingestion:		No direct hazard. Used as food additive in some cases.
3. First-Aid and Preventative Measure		
Inhalation:		1) Use respirator protection. 2) Move to fresh air. In case of discomfort seek medical attention.
Skin:		No Hazard.
Eyes:		1) Avoid contact by using goggles. 2) Rinse immediately with plenty of water. If discomfort persists get medical attention.
Ingestion:		Observe the rules of hygiene wash before eating or drinking.
4. Fire Fighting Measures		
Fire Rating:		0 Can be used as fire break. 4 Minimal, no reaction with water.
5. Accident release measures		
Dampen any spillage with water to minimise dust.		
6. Handling and Storage		
Storage: No restraints Inert substance with no special requirements for hazard containment.		
7. Exposure Controls/Personal Protection		
Personal protection:	1) Use G.M.E. approved respirator. 2) Use eye protection.	
Threshold Limit Values:	0,1 mg/m 3	
Time weighted averages (TWA):	5,0 mg/m 3	
Short term exposure limits:	0,1 mg/m 3 Respirable dust.	
8. Physical and Chemical properties		
Class:	Crystalline Silica	p.H. 5.59
Appearance:	Sand	Density: 2,65 g/ml
Odour:	Odourless	Coefficient water/oil distribution: No applicable.
Boiling point:	2230 C	
Melting point:	1703 C	
9. Stability and reactivity:	Reactivity	Minimal – Inert – No reaction with water.

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www.silicasand.co.za