



MSDS IK-SILICATE POWDER

01.	Product Identification	Silicate Powder (IK - Silicate Powder)	
	Synonyms	Binder Powder (Castable)	
	CAS No	Not Known	
	Molecular weight	Not known	
	Chemical Formula	Silicate Powder	
	Product code	IK-Silicate Powder	
02.	Composition/Information on Ingredients		
	Ingredients	CAS No.	Percent
	Quartz sand	Not known	97 %
	S.S.F.	Not known	03 %
03.	Hazardous Identification:		
	Health Rating	1. Not severe	
	Flammability rating	0- None	
	Reactivity	0- None	
	Contact rating	0- None	
	Protective equipment's	Personal protective equipments should be used	
	Storage Colour code	Not applicable.	
	Potential Health Effect		
	Inhalation	Avoid breathing.	
	Ingestion	Symptoms not known.	
	Skin contact	Slight irritation	
	Eye contact	May cause irritation with redness. Particles may cause injury to eye.	
04.	First Aid Measures		
	General Advice	Remove contaminated clothing and wash the affected area and treat as per the symptoms.	
	Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist.	
	Skin contact	Wash immediately with soap & water and treat as per the symptoms.	
	Eye contact	Wash eyes for at least 15 minutes under running water. Seek immediate medical attention.	
05.	Firefighting measures:		
	Flash point	Greater than 1250 ⁰ C	
	Suitable extinguishing media	Recommended extinguishers.	
	Protective of fire fighters	Use breathing apparatus & protective clothing.	
		Extinguishers not to be used	
		None in particular	
		Risks arising from combustion	
		Avoid inhaling the fumes	
		Protective equipment	
	Use protection for the respiratory tract.		
06.	Accidental Release Measures		
	Personal Precautions	Respiratory Protection safety goggles & plastic gloves. Do not let	



		product enter arsine.
	Environmental precautions Method for cleaning up	Contain with absorbent material and dispose as per the local regulations and flash the area thoroughly with water.
07.	Handling and Storage	
	Handling	Ensure thorough ventilation of stores and work area
	Storage	Keep tightly closed in dry and cool place
08	Exposure controls/Personal Protection	
	Precautionary measures	Give adequate ventilation to the premises where the product is stored or handled.
	Respiratory protection	A Mask must be worn.
	Protection for hand	Use protective gloves.
	Eye protection	Use safety goggles.
09	Physical and chemical Properties	
	Form	Powder
	Color	Off White
	Solubility in water	No
	Solubility in other solvents	Not known
	PH (25% solution in water)	7
10	Stability and Reactivity.	
	Stability	Stable
	Reactivity.	Not reactive
11	Toxicological information	<p>The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.</p> <p>Set out below is the toxicological information relating to the main substances in the preparation.</p> <p>Quartz (SiO₂) Chronic toxicity : silicosis Prolonged and/or massive exposure to alveolar dust containing silica may cause: silicosis, which is a pulmonary fibrosis caused by the deposit of alveolar-sized crystalline silica dust in the lungs.</p> <p>Feldspath By inhalation, it may be irritant for mucous membranes and respiratory tracts. Skin contact, it may be slightly irritant and cause drying on the skin.</p>
12	Ecological information	<p>Adopt good working practices, so that the product is not released into the environment.</p> <p>Persistency and degradability: no biological decomposition Environmental behavior: not assimilated. Eco toxicological effects: no toxicity</p>
13	Disposal Consideration	Land filling approved area according to authorized procedure or incinerate in accordance with local regulation.
14	Transportation Information	IK - SILICATE POWDER is not a hazardous material for purpose of transportation.
15	Regulatory Information	



	Canadian WHMIS	This MSDS has been prepared in compliance with controlled Product Regulation except for the use of the 16 headings.
	Canadian WHMIS CLASS	Not Regulated
	DSL	The chemical substances in this product are listed on the domestic Substance List (DSL).
16	Other Information	This information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.