

**MATERIAL SAFETY DATA SHEET**

**Emcekrete A**

**1. PRODUCT AND COMPANY INFORMATION**

Manufactured / Distributed by

MC-Bauchemie Manufacturing PLC.  
P.O. Box 5452 Addis Ababa, Ethiopia  
Addis Ababa, Ethiopia

Tel: +251 11 5544334

Tel: +251 11 5544557/8

Fax: +251 11 5543610

[www.mc-bauchemie.com](http://www.mc-bauchemie.com)

Email: [ethiopia@mc-bauchemie.com](mailto:ethiopia@mc-bauchemie.com)

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS no.	Weight %
Silica powder	14808-60-7	75 – 80%
Aluminium powder	7429-90-5	<1%
SuperPlasticiser	27274-31-3	10 – 15%

**3. HAZARDS**

**Emergency Overview:**

This product is irritating to the eyes, respiratory system and skin. Causes burns to the skin and eyes when mixed with water.

**Potential Health Effects: Eyes**

This product is irritating to the eyes. Symptoms can include irritation, redness, scratching of the cornea, and tearing. Rubbing may cause abrasion of cornea.

**Potential Health Effects: Skin**

This product is irritating to the skin. Mechanical rubbing may increase skin irritation.

**Potential Health Effects: Ingestion**

Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

**Potential Health Effects: Inhalation**

This product is irritating to the respiratory system. Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

**Medical Conditions Aggravated by Exposure**

Hypersensitivity to product, allergies, and skin or respiratory disorders

**4. FIRST AID MEASURES**

Eye contact

If the eyes are contaminated, flush them without delay with large amounts of clean water for at least 15 minutes and get medical attention promptly.

Skin contact	If skin contact occurs, wipe clean the skin immediately with paper towels and wash immediately with a commercial skin cleaner or with liquid soap and plenty of warm water. Any contaminated clothing, shoes, should be removed and not reused until clean of resin. Any injuries or irritation that may occur should receive prompt medical attention.
Inhalation	Not normally applicable. Remove person to fresh air. Obtain medical assistance if symptoms persist.
Ingestion	Do not induce vomiting, give one pint of water or milk and obtain medical attention without delay.

## 5. FIRE FIGHTING AND MEASURES

Suitable Extinguishing Media	Foam, carbon dioxide, dry powder
Extinguishing Media not to be used	Water jet
Special Fire Fighting Procedure	Wear self-contained breathing apparatus and chemical protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

After spillage / leakage	Take up mechanically or with an absorbent material e.g. sand, sawdust and collect in a disposal bag. Do not discharge into drains/surface water/groundwater Please refer to local rules and regulations for disposal.
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## 7. HANDLING AND STORAGE

Protective measures	Avoid dust formation. Wear dust mask. Store containers tightly sealed in dry, well ventilated area.
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## 8. PERSONAL PROTECTION / EXPOSURE CONTROLS

Personal protective equipments	Gloves, safety goggles, dust mask must be worn
Other	None
Industrial hygiene	Do not use solvent to clean the skin, use industrial skin cleansers or liquid soap and warm water, dry with paper towels not cloth towels. Remove contaminated clothing and launder before reuse. Always work in well-ventilated areas. <b>Observe good housekeeping and general hygiene guidelines.</b>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder
Color	Beige to Light Brown
Odor	Odorless
Change in physical state	No statement possible
Bulk density	800 +/- 50 kg/m <sup>3</sup>
Melting Point	N/A
Solubility in water	Partially soluble
pH	Alkaline when mixed with water
Flash Point	N/A

## 10. STABILITY AND REACTIVITY

Conditions to avoid	Avoid dust formation. Avoid Humidity.
Substance to avoid	Strong acids
Hazardous reactions	Stable if store and handled as per section 7

