

**MATERIAL SAFETY DATA SHEET**

## Emckrete Aid

### 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 <a href="http://www.mc-bauchemie.com">www.mc-bauchemie.com</a> Email: <a href="mailto:ethiopia@mc-bauchemie.com">ethiopia@mc-bauchemie.com</a>
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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS no.	Weight %
Silica powder	14808-60-7	75 – 85%
Aluminium powder	7429-90-5	<1%
SuperPlasticiser	27274-31-3	15 – 25%
Sodium Lignosulfonate	8061-51-6	1 – 5%

### 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  
Extinguishing Media not to be used  
Special Fire Fighting Procedure

Foam, carbon dioxide, dry powder  
Water jet  
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.

## 7. HANDLING AND STORAGE

Protective measures

Avoid dust formation. Wear dust mask. Store containers tightly sealed in dry, well ventilated area.

## 8. PERSONAL PROTECTION / EXPOSURE CONTROLS

Personal protective equipments  
Other  
Industrial

Gloves, safety goggles, dust mask must be worn  
None  
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.  
**Observe good housekeeping and general hygiene guidelines.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form  
Color  
Odor  
Change in physical state  
Bulk density  
Melting Point  
Solubility in water  
pH  
Flash Point

Powder  
Grey/Beige/Light Brown  
Odorless  
No statement possible  
800 +/- 50 kg/m<sup>3</sup>  
N/A  
Partially soluble  
Alkaline when mixed with water  
N/A

## 10. STABILITY AND REACTIVITY

Conditions to avoid  
Substance to avoid  
Hazardous reactions  
Thermal Decomposition  
Oxidizing properties

Avoid dust formation. Avoid Humidity.  
Strong acids  
Stable if store and handled as per section 7  
None  
None

## 11. INFORMATION ON TOXICITY

Information of toxicity in general

Can cause nuisance dust in dry powdered form.  
Risk of sensitization, which may lead to allergic dermatitis.  
Persons with a history of skin allergies or a tendency towards dermatitis should not handle such products.

## 12. INFORMATION ON ECOLOGICAL EFFECTS

General information

Do not discharge the material into drains, sewers, etc.

### 13. DISPOSAL

Disposal

Dispose empty bags and surplus material to a place as accepted by builders. Do not incinerate.  
Attention is drawn to the Control of Pollution Act 1974, the provision of which are enforced by local authorities.

### 14. TRANSPORT

TDG  
IMDG Code  
ICAO / IATA  
UN No.

Not classified as dangerous good under transport regulations  
Not classified as dangerous good under transport regulations  
Not classified as dangerous good under transport regulations  
N/A

### 15. REGULATIONS

Labelling Symbol  
R Phrases  
  
S Phrases

None  
R36/37 Irritating to eyes and respiratory system  
R43 May cause sensitization to skin contact  
S26 in case contact with eyes, wash immediately with water and soap.  
S38 In case of insufficient ventilation, wear suitable respiratory equipment.

### 16. FURTHER INFORMATION

Further information

All statements are based on our experience to date. Form based on DIN 52900.  
The information shown is based on our experience to date and is true to the best of our knowledge. Any recommendation or suggestions made are without any guarantee. No responsibility is accepted that the information herein is sufficient or correct in all cases.