

MATERIAL SAFETY DATA SHEET

Emcekrete GP

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 Email: ethiopia@mc-bauchemie.com
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS no.	Weight %
OPC	65997-15-1	40 – 55%
Graded Sand	14808-60-7	45 – 60%
Polynaphthalene sulfonate	36290-04-7	<1%
Non-shrink additive	7429-90-5	<1%
Micro silica	69012-64-2	1- 5%
EVA Polymer	24937-78-8	<1%

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 re-

Inhalation

used until clean of resin. Any injuries or irritation that may occur should receive prompt medical attention.

Ingestion

Not normally applicable. Remove person to fresh air. Obtain medical assistance if symptoms persist.

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 hygiene

Gloves, safety goggles, dust mask must be worn
None
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
Wet Density
Melting Point
Solubility in water
pH
Flash Point

Powder
Grey
Odorless
No statement possible
1500 +/- 100 Kg/m³
2.20 +/- 0.05 kg/ltr
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

Not classified as dangerous good under transport regulations

IMDG Code

Not classified as dangerous good under transport regulations

ICAO / IATA

Not classified as dangerous good under transport regulations

UN No.

N/A

15. REGULATIONS

Labelling Symbol

None

R Phrases

R36/37 Irritating to eyes and respiratory system

R43 May cause sensitization to skin contact

S Phrases

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.