MC FOR INFRASTRUCTURE & INDUSTRY



MATERIAL SAFETY DATA SHEET

Emcekrete A

1. PRODUCT AND COMPANY INFORMATION

Manufactured / Distributed by MC-Bauchemie Manufacturing PLC.

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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.

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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.

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 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.

Observe good housekeeping and general hygiene guidelines.

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/m³

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

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Thermal Decomposition None Oxidizing properties 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

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N/A

15. REGULATIONS

ICAO / IATA

UN No.

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.

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