

MATERIAL SAFETY DATA SHEET

Water Resistant Tile Adhesive – MC-M 500

1. PRODUCT AND COMPANY INFORMATION

Manufactured / Distributed by

MC-Bauchemie Manufacturing PLC.
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization

Portland cement, fine graded sand and chemical additives including powder polymers.

Component	CAS Number	Weight %
Portland Cement	65997-15-1	35 - 45%
Fine Graded Sand	14808-60-7	55 -65 %
Chemical Additives –Copolymer powder of vinyl acetate and ethylene, Cellulose Powder	9032-42-2, 24937-78-8	1 - 2%

3. HAZARDS

Primary hazard
Secondary hazard

Nuisance dust
Irritant to skin, eyes contact

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

Not required, but can be used such as Foam, carbon dioxide, dry powder, water jet

Media Not to be used
Combustion products

None
N/A

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. Please refer to local rules and regulations for disposal.

7. HANDLING AND STORAGE

Protective measures

Keep containers well-closed and away from children. Store in cool (not under 5 degrees C) dry, well ventilated area. Keep away from flames and sources of ignition.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS

Personal protective equipments

Other

Gloves, safety goggles, dust mask must be worn

Chemical resistant apron, face shield, safety helmets, boots, etc must be worn while handling and proper precautions should be taken.

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. Do not smoke in working area. 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

Granular Powder

Color

White / Grey

Odor

None

Change in physical state

No statement possible

Density

~1600-1800 KG/M³

Wet Density

1.80 ± 0.2 kg/Ltr

Viscosity

N/A

Vapour pressure, mbar(°C)

N/A

Solubility in water

Partially soluble

pH

N/A

Boiling Point, °C

N/A

Flash Point

N/A

Ignition temperature

N/A

Thermal decomposition

N/A

Explosion limits

N/A

10. STABILITY AND REACTIVITY

Hazardous reactions

N/A

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. Attention is drawn to the Control of Pollution Act 1974, the provision of which are enforced by local authorities.

14. TRANSPORT

IMDG Code

UN No.

ICAO / IATA

RID/ADR

GGVE/GGVS

ADNR

Other Information

N/A

Regarded as non-hazardous for transport

15. REGULATIONS

Labelling

Symbol

R Phrases

S Phrases

Clear indication and identification of materials

None

Dust & harmful to respiratory system

May cause sensitization to skin contact

After contact with skin, wash immediately with water and soap.

Wear suitable PPE's for protection.

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.