

MATERIAL SAFETY DATA SHEET

FERMACELL[®] GYPSUM FIBREBOARDS

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND COMPANY

Substance/Preparation

FERMACELL[®] Gypsum Fibreboard

Manufacturer/Supplier

Xella Trockenbau-Systeme GmbH, Dammstraße 25, D-47119 Duisburg

T: +49 800 5235665, F: + 49 800 5356578

Quality control contact, T: +49 5381 76242

2. COMPOSITION/INFORMATION OF INGREDIENTS

Calcium sulphate dihydrate (CaSO₄ 1/2 H₂O) with paper fibres (cellulose)

Hazardous Ingredients:

None

Additional Information:

None

3. HAZARDS

This product is not classified as hazardous.

Special information for personnel and environment:

None

4. FIRST AID MEASURES

No special measures required.

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5. FIRE FIGHTING MEASURES

Non combustible:

All fire extinguishers are suitable media, observing normal fire fighting practices.

Unsuitable fire extinguishing media:

None

Substance hazards, hazardous combustion products or resultant gases:

None

Protective clothing when extinguishing fire:

None

Additional information:

None

6. ACCIDENTAL RELEASE MEASURES

Cleaning/absorption measures:

Mechanical handling, dry handling.

7. HANDLING AND STORAGE

Handling:

Use correct manual handling techniques. No special handling techniques required.

Storage:

Store in dry conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits (OEL):

calcium sulphate fibre dust

OEL: 6 mg/m³ percentage for respirable airborne dust particles (as defined in German regulations:

TRGS 900, occupational respiratory exposure limit).

Additional information: based on lists valid at the time of publication. MAK value is taken from the literature.

Personal protection:

Observe general protective and hygiene precautions.

Respiratory protection:

Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: solid flat sheet board

Colour: light grey-beige

Odour: odourless

Change of state: none

Thermal decomposition:

from approx 100°C dehydration of CaSO₄ and H₂O

from approx 400°C separation of CO₂, CO

from approx. 900°C decomposition into CaO and SO₃ possible

Flash point: not applicable

Ignitability: not applicable

Spontaneous ignition: not applicable

Explosion hazard: not applicable

Oxidizing properties: none

Vapour pressure: not applicable

Density: 1,10 -1,25 g/cm³

Solubility: < 2 g/l (CaSO₄ 2 H₂O)

pH (100 g/l H₂O): neutral

10. STABILITY AND REACTIVITY

Special physical conditions to be avoided: No hazardous reactions known.

Incompatible materials: Not known

Hazardous decomposition products:

from approx 400°C separation of CO₂, CO

from approx 900°C separation of CaO and SO₃ possible

11. TOXICOLOGICAL INFORMATION

No known acute toxicological effects.

12. ECOLOGICAL INFORMATION

Product with no known adverse environmental effects.

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13. DISPOSAL CONSIDERATIONS

Product:

Dispose as building site rubble or household waste at an authorized landfill site in accordance with local waste management regulations.

European Waste Catalogue (EWC): 17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01.

Packaging:

Observe local waste management regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport according to national and international transport regulations.

15. REGULATORY INFORMATION

Designation under EEC directives:

FERMACELL[®] Gypsum Fibreboards are not classified as hazardous under the EEC directive 67/548 for the classification, packaging and labelling of hazardous substances (as amended by EEC directive 93/21).

National Regulations

FERMACELL[®] Gypsum Fibreboards are not classified as a notifiable material under the Ordinance on Hazardous Material. The product is not considered as hazardous waste material according to the Waste Disposal Regulations.

16. OTHER INFORMATION

None

Liability:

The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This safety data sheet applies only to the product named above. If the product is used as part of other products, information given in the safety data sheet may be invalidated.

No warranty is hereby expressed or implied.