

Safety Data Sheet

According to 91/155/EEC for FERMACELL® Gypsum Fibreboards

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1. Identification of the Substance or Preparation and Company

Substance/Preparation

FERMACELL® Gypsum Fibreboard

Manufacturer:

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

Ph.: +49 800 5235665, Fax: + 49 800 5356578

Quality control contact, ph: +49 5381 76242

2. Composition/Information of Ingredients

Calcium sulphate dihydrate ($\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$) with paper fibres (cellulose)

Hazardous Ingredients

None

Additional Information

None

3. Hazards Identification

This product is not classified as hazardous.

Special hazards for individuals and environment

None

4. First Aid Measures

No special measures required.

5. Fire Fighting Measures

Non combustible

All 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/handling 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/Personnel Protection

Occupational exposure limits (OEL)

Calcuim 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/cm ³	pH (100 g/l H₂O):	neutral
Solubility:	< 2 g/l (CaSO ₄ · 2 H ₂ O)		

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 decomposition into CaO and SO₃ possible

11. Toxicological Effects

No known acute toxicological effects.

12. Ecological Information

Product with no known adverse environmental effects.

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 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.

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