

## 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:

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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/m<sup>3</sup> 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**

<b>Appearance:</b>	solid flat sheet board	<b>Colour:</b>	light grey-beige
<b>Odour:</b>	odourless	<b>Change of state:</b>	none

**Thermal decomposition:** from approx. 100°C dehydration of CaSO<sub>4</sub> and H<sub>2</sub>O  
from approx. 400°C separation of CO<sub>2</sub>, CO  
from approx. 900°C decomposition into CaO and SO<sub>3</sub> possible

<b>Flash point:</b>	not applicable	<b>Ignitability:</b>	not applicable
<b>Spontaneous ignition:</b>	not applicable	<b>Explosion hazard:</b>	not applicable
<b>Oxidizing properties:</b>	none	<b>Vapour pressure</b>	not applicable
<b>Density:</b>	1,10 - 1,25 g/cm <sup>3</sup>	<b>pH (100 g/l H<sub>2</sub>O):</b>	neutral
<b>Solubility:</b>	< 2 g/l (CaSO <sub>4</sub> . 2 H <sub>2</sub> 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 CO<sub>2</sub>, CO  
from approx. 900°C decomposition into CaO and SO<sub>3</sub> possible

**11. Toxicological Effects**

No known acute toxicological effects.

**12. Ecological Information**

Product with no known adverse environmental effects.

**13. Disposal Considerations****Product**

Dispose of in accordance with waste management regulations for sulphate bearing waste. Fermacell Gypsum Fibreboards are fully recyclable. Contact any gypsum waste recycling company for further details or contact Fermacell on 0870-6090306. 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<sup>®</sup> 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<sup>®</sup> 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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