

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 25 Oct 2023

Print date: 7 Dec 2023

Version: 1.3



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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name/designation:

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Other means of identification:

Gypsum board according to DIN EN 15283-1: Type GM-FH2

Additional information:

Voluntary safety information following the Safety Data Sheet format according to Regulation (EC) No. 1907/2006 (REACH): The information is intended to give you advice about the safe handling of the product for storage, processing, transport and disposal. This product is not subject to Regulation (EC) no. 1272/2008 [CLP] and do not require labeling according this regulation.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture:

Fire protection panel.
Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Etex Building Performance GmbH

Geschäftsbereich Siniat

Scheifenkamp 16

40878 Ratingen

GERMANY

Telephone: +49 2102 493-0

Telefax: +49 2102 493-111

Website: <https://www.siniat.de/>

E-mail (competent person): fragen@siniat.de

1.4 Emergency phone number

24h: +49 (0) 551 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3 Other hazards

Adverse human health effects and symptoms:

Damage can be caused through mechanical influence of the product. Repeated exposure may cause skin dryness or cracking. Particulates and dust by mechanical processing: May cause eye irritation. May cause respiratory irritation.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Mineral-bound fire protection panel

ingredients: Calcium sulfate, silicates, Calcium silicate, Aluminium hydroxide, Glass fibers

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Particulates and dust: Provide fresh air. Get medical advice/attention if you feel unwell.

In case of skin contact:

Wash with plenty of soap and water. In case of skin irritation, consult a physician.

After eye contact:

Particulates and dust: Do not subject to friction. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Particulates and dust: Rinse mouth. Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Particulates and dust by mechanical processing: May cause eye irritation. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Coordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

The product itself does not burn. No special measures are necessary.

5.3 Advice for firefighters

Wear self-contained breathing apparatus (EN 133). Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Personal precautions:

Avoid dust formation. Do not breathe dust. Avoid contact with eyes and skin.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.1.2 For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

For containment:

Take up mechanically, placing in appropriate containers for disposal. Particulates and dust: Use approved industrial vacuum cleaner for removal. Dampen dust and place it in a properly closed receptacle and dispose of it safely.

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For cleaning up:

Clean floors and contaminated objects with: Water with tenside additive

6.4 Reference to other sections

Safe handling: see section 7.

Personal protection equipment: see section 8.

Disposal: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Advices on safe handling:

Damage can be caused through mechanical influence of the product. Avoid dust formation. Do not breathe dust. Avoid contact with eyes and skin. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special fire protection measures are necessary.

Measures to prevent aerosol and dust generation:

Provide adequate ventilation. / Dust must be exhausted directly at the point of origin. Do not use a dry brush as dust clouds or static can be created.

Environmental precautions:

Discharge into the environment must be avoided.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Wash hands before breaks and after work. Take off contaminated clothing and wash it before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store dry. Protect from frost. Provide adequate ventilation.

Hints on storage assembly:

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

Recommendation:

Fire protection panel.

Observe technical data sheet.

SECTION 8: Exposure controls / Personal protection

8.1 Control Parameters

8.1.1 Occupational exposure limit values

Limit value type (country)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	Dust, inhalable fraction	① 10 mg/m ³ ⑤ (Dust limit value, inhalable fraction)
WEL (GB)	Dust, respirable fraction	① 4 mg/m ³ ⑤ (Dust limit value, respirable fraction)

8.1.2 Biological limit values

No data available.

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8.1.3 DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
calcium sulfate CAS No.: 7778-18-9 EC No.: 231-900-3	21.17 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
calcium sulfate CAS No.: 7778-18-9 EC No.: 231-900-3	5.29 mg/m ³	① DNEL consumer ② Long-term - inhalation, systemic effects
calcium sulfate CAS No.: 7778-18-9 EC No.: 231-900-3	5,082 mg/m ³	① DNEL worker ② Acute - inhalation, systemic effects
calcium sulfate CAS No.: 7778-18-9 EC No.: 231-900-3	3,811 mg/m ³	① DNEL consumer ② Acute - inhalation, systemic effects
calcium sulfate CAS No.: 7778-18-9 EC No.: 231-900-3	1.25 mg/kg bw/day	① DNEL consumer ② Long-term - oral, systemic effects
calcium sulfate CAS No.: 7778-18-9 EC No.: 231-900-3	11.4 mg/kg bw/day	① DNEL consumer ② Acute - oral, systemic effects

Substance name	PNEC value	① PNEC type
calcium sulfate CAS No.: 7778-18-9 EC No.: 231-900-3	10 mg/L	① PNEC sewage treatment plant

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. Provide adequate ventilation as well as local exhaust at critical locations.

8.2.2 Personal protection equipment



Eye/face protection:

Eye glasses with side protection (EN 166).

Skin protection:

Protective gloves against mechanical risks (EN 388).

Suitable material: Leather

Thickness of the glove material: not determined

Breakthrough time: not determined

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. Draw up and observe skin protection programme.

Respiratory protection:

Mechanical processing may cause dust. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Filtering device (full mask or mouthpiece) with filter: Filter type P2/P3

Other protection measures:

Wear suitable protective clothing. Wear safety shoes against mechanical risks.

8.2.3 Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: solid, panels

Colour: violet / whitish

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Odour: odourless

Safety relevant basic data

Parameter	Value	at	① Method ② Remark
pH	<i>not determined</i>		
Melting point	<i>not applicable</i>		
Freezing point	<i>not applicable</i>		
Initial boiling point and boiling range	<i>not determined</i>		
Decomposition temperature	700 °C		② Calcium sulfate
Flash point	<i>not applicable</i>		
Evaporation rate	<i>not applicable</i>		
Auto-ignition temperature	<i>not applicable</i>		
Upper/lower flammability or explosive limits	<i>not applicable</i>		
Vapour pressure	<i>not applicable</i>		
Vapour density	<i>not applicable</i>		
Density	≥ 900 - 940 kg/m ³	20 °C	
Relative density	<i>not determined</i>		
Bulk density	<i>not applicable</i>		
Water solubility	<i>not determined</i>		
Partition coefficient: n-octanol/water, log P (o/w)	<i>not determined</i>		
Dynamic viscosity	<i>not applicable</i>		
Kinematic viscosity	<i>not applicable</i>		

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

See section 10.3

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Protect from moisture. Protect from frost.

10.5 Incompatible materials

Acids

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

Based on available data, the classification criteria are not met.

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

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Skin corrosion/irritation:

Based on available data, the classification criteria are not met. Damage can be caused through mechanical influence of the product. Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation:

Based on available data, the classification criteria are not met. Particulates and dust by mechanical processing: May cause eye irritation.

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met. Particulates and dust by mechanical processing: May cause respiratory irritation.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Based on available data, the classification criteria are not met.

12.2 Persistence and degradability

Biodegradation:

According to experiences this product is inert and not degradable.

12.3 Bioaccumulative potential

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The substances in the article do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects

No data available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product/Packaging disposal

Waste codes/waste designations according to EWC

Waste code product

17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
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Waste code packaging

15 01 01	paper and cardboard packaging
15 01 04	metallic packaging

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

Other disposal recommendations:

The allocation of waste code numbers / waste names must be carried out in accordance with the European Waste Catalogue (EWC). Do not allow to enter into surface water or drains. Collect in closed and suitable containers for disposal. Waste for disposal is to be classified and labelled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI-/IATA-DGR)
14.1 UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2 UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3 Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4 Packing group			
not relevant	not relevant	not relevant	not relevant
14.5 Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6 Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7 Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU legislation

Other regulations (EU):

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

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The product does not contain substances of very high concern (SVHC) $\geq 0,1$ %.

15.1.2 National regulations

No data available.

15.2 Chemical Safety Assessment

No data available.

SECTION 16: Other information

16.1 Indication of changes

Changes executed in version 1.3:

Section 11: Toxicological Information

Section 12: Ecological Information (non-mandatory)

Section 15: Regulatory Information (non-mandatory)

General revision

16.2 Abbreviations and acronyms

See overview table at www.euphrac.eu

16.3 Key literature references and sources for data

European Chemicals Agency (ECHA): <https://www.echa.europa.eu>

ECHA, C&L Inventory: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database>

ECHA, Registered substances: <https://echa.europa.eu/information-on-chemicals/registered-substances>

GESTIS, Information system on hazardous substances: <https://www.gestis.dguv.de/search>

GESTIS, International Limit Values: <https://limitvalue.ifa.dguv.de>

Hörath Gefährliche Stoffe und Gemische, 8. Auflage, Dr. Angela Schulz

Safety data sheets of the manufacturers

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5 Relevant H- and EUH-phrases

No data available.

16.6 Training advice

No data available.

16.7 Additional information

This Safety Data Sheet describes the product in terms of safety requirements, which have to be taken.

The statements made in accordance with our knowledge and experience, but they are no guarantee of product properties.