

SAFETY DATA SHEET (1907/2006/EC)
Trade name: MULTIPOR MINERALDÄMMPLATTE
Supplier: Xella Deutschland GmbH

Revision date: 12.03.14

Print date: 26.03.14

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1. Identification of the substance/preparation and the company

1.1. **Identification on the label / trade name:** MULTIPOR
MINERALDÄMMPLATTE

1.2. **Use of the substance / preparation:** Mineral Insulation Board

1.3. **Supplier:** Xella Deutschland GmbH
Düsseldorfer Landstraße 395
D-47259 Duisburg
Germany
Tel.: +49 (0)203 60880-9192
Fax: +49 (0)203 60880-9195
E-Mail: reach@xella.com

1.4. **Emergency telephone:** General poisoning emergency number:
+ 49 (0)30 19240

2. Hazards identification

2.1. **Classification according to Regulation 1272/2008/EC, Annex VII:**

Article is not subject to classification/labelling requirements.

2.2. **Classification according to Directives 67/548/EEC or 1999/45/EC:**

Article is not subject to classification/labelling requirements.

2.3. **Adverse human health effects / environmental effects:**

In case appropriate application: none.

During handling and storage of the product dust formation has to be avoided.

2.4. **Additional information:**

Please consider information provided in this Safety Data Sheet.

The product does not fulfil the criteria for PBT- and vPvB-substances given in Annex XIII of Regulation 1907/2006/EC.

3. Composition/information on ingredients

Calciumsilicatehydrate mainly tobermorite, i.e. $(\text{CaO})_5 \cdot (\text{SiO}_2)_6 \cdot (\text{H}_2\text{O})_5$ (CAS-No. 1319-31-9, EC-No.: ---)	70 – 80 % w/w
Quartz (SiO_2) (CAS-Nr. 014808-60-7; EC-Nr. 238-878-4)	< 2 % w/w
Calcite (CaCO_3) (CAS-Nr. 471-34-1, EC-Nr.: 207-439-9)	15 – 25 % w/w
Gypsum ($\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$), anhydrite (CaSO_4) (CAS-Nr. 7778-18-9, EC-Nr. 231-900-3)	3 – 8 % w/w

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4. First-aid measures

In case of eye contact: Immediately rinse carefully and thoroughly using eye wash or water.

5. Fire- fighting measures

The MULTIPOR MINERALDÄMMPLATTE itself does not burn. Attune the fire-fighting measures to the surrounding fire. In case of fire, there will be no release of dangerous substances from the substance itself.

6. Accidental release measures

Fine materials emerging from processing of MULTIPOR MINERALDÄMMPLATTE can be taken up mechanically and discarded. Avoid dust formation. In case of extensive machine sawing, the use of a dust collection system is recommended.

7. Handling and storage

7.1. **Precautions for safe handling:** Avoid dust formation.

7.2. **Storage:** Store in a dry place. Other special requirements do not exist.

8. Exposure control and personal protection equipment

8.1. Components that require monitoring according to occupational exposure limits:

General limit value for dust

Specification: TRGS 900 – Grenzwerte in der Luft am Arbeitsplatz (D)

Parameter: respirable fraction

Value: 10 mg/m³

Version: 21.06.2010

Specification: TRGS 900 – Grenzwerte in der Luft am Arbeitsplatz (D)

Parameter: alveolar fraction

Value: 3 mg/m³

Version: 21.06.2010

8.2. **Exposure controls:** Please consider wind direction. Behave according to the German TRGS 559 „Mineralischer Staub“. During intended use, dust formation fully complies with general limit values for dust.

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9. Physical and chemical properties

Appearance	:	white, solid material
Odour	:	none
pH	:	8 – 10 (upon humidification)
Melting point	:	≥ 1200 °C
Flammability	:	non-inflammable
Spontaneous combustion	:	incombustible
Danger of explosion	:	none
Comburant properties	:	none
Vapor pressure	:	non-applicable
Dry density	:	85 – 150 kg/m ³
Solubility in water	:	insoluble
Distribution coefficient	:	non-applicable

10. Stability and reactivity

10.1. Materials to avoid:

Reacts with concentrated acids (heat development and/or release of carbon dioxide by neutralization reaction possible)

Reacts with concentrated oxidants (heat development and/or accelerated decomposition of the oxidant possible)

10.2. **Conditions to avoid:** none

10.3. **Hazardous decomposition products:** none

11. Toxicological information

The MULTIPOR MINERALDÄMMPLATTE is non-toxic.

Repeated testing of MULTIPOR MINERALDÄMMPLATTE for free crystalline silica revealed that respirable dust from MULTIPOR MINERALDÄMMPLATTE contains less than 5 % quartz. Therefore the concentration of respirable quartz dust is < 0.15 mg/m³, as long as the general limit value for dust (3 mg/m³) is not exceeded.

12. Ecological information

MULTIPOR MINERALDÄMMPLATTE is extremely poorly soluble in water and can be easily separated from water by filtration or sedimentation.

Water hazard class: 1 (slightly hazardous to water). Classification according to *Anhang 4* of the German *Verwaltungsvorschrift wassergefährdende Stoffe* from May 17, 1999 (VwVwS), which concerns the contents of calcium sulphate and calcium hydroxide.

Daphnia toxicity: MULTIPOR MINERALDÄMMPLATTE dispersed in water is not ecotoxic to Daphnia when the pH is kept neutral (Test according to the German DIN 38412-30:1989-03 (L 30); Dr. U. Noack-Laboratorien, Käthe-Paulus-Str. 1, 31157 Sarstedt, Germany).

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13. Disposal considerations

Reutilization is possible. MULTIPOR MINERALDÄMMPLATTE fulfils the requirements for dump category I according to the German *Verordnung über Deponien und Langzeitlager (DepV)* of 27 April 2009. Category I applies for non-hazardous waste requiring no special supervision, i.e. treated (physical, thermal, chemical, biological) domestic, commercial and industrial waste with very low contents of organic matter and very low emissions of pollutants in leaching tests (acc. to the German *DepV*, App. 2, Art. 2).
 Waste code according to European Waste Catalogue (EWC): 17 01 01.

14. Transport information

Non-hazardous material according to transport regulations.

15. Regulatory information

15.1 EU regulations / National regulations (Germany) / Specific regulations

Labelling according to Regulation 1272/2008/EC:

No labelling required

Water hazard class (WGK):

1 (slightly hazardous to water)

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

16. Other information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.