

The product Phonotherm[®] 200 is not a hazardous substance within the meaning of the EU regulation on hazardous goods. A safety data sheet for the transportation, placing on the market and use of this product is thus not required. Phonotherm[®] 200 has no negative environmental effects if used properly. The product was checked in accordance with REACH (candidate list of substances of very high concern); it does not contain any substances that are released from the product during normal use.

The following information has been provided on the basis of REACH to comply with our customers' enquiries and promote risk prevention.

1. Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier

Product name: **Phonotherm[®] 200**

Revised on: 05.07.2017

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

Relevant identified uses:

Thermal insulation board made of polyurethane

Uses advised against:

None known

1.3 Details of the supplier of the safety data sheet:

Supplier (manufacturer / importer / only representative / downstream user / distributor):

BOSIG Baukunststoffe GmbH

Roland-Schmid-Str. 1

04910 Elsterwerda

Phone: 03533-7000 / Fax: 03533-700-200

E-mail: information@bosig.de

2. Hazards identification

2.1 Classification of the substance or mixture:

Classification in accordance with Regulation (EC) No. 1272/2008 [CLP]

Phonotherm[®] 200 has not been classified as hazardous within the meaning of the applicable directives.

2.2 Label elements:

Labelling in accordance with Regulation (EC) No. 1272/2008 [CLP]

Special rules for additional label elements for certain mixtures

Phonotherm[®] 200 is not subject to the labelling requirements pursuant to the directives and regulations on chemical substances and mixtures

2.3 Other hazards:

No negative health and environmental effects during normal use.

3. Composition / information on ingredients

3.2 Mixture:

Hazardous ingredients

Polyurethane hard foam particles pressed into boards; contains small quantities of aluminium.

4. First aid measures

4.1 Description of first aid measures:

General information:

No special information for doctors available.

After inhalation and skin contact:

No special measures needed.

After eye contact:

Remove contact lenses after eye contact. Rinse your eyes immediately, also under the eye lids, with large quantities of water for at least 15 minutes.

After ingestion (swallowing):

No special measures needed.

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<p>4.2 Most important symptoms and effects, both acute and delayed: No known negative effects.</p> <p>4.3 Indication of any immediate medical attention and special treatment needed: No special treatment needed.</p>
<p>5. Firefighting measures</p> <p>5.1 Extinguishing media: Suitable extinguishing media: Carbon dioxide (CO₂). Fire extinguishing powder. Spray water. Alcohol-resistant foam. Unsuitable extinguishing media: High-volume water jet</p> <p>5.2 Special hazards arising from the substance or mixture: Hazardous combustion products: A potential fire will produce dense, black smoke that also contains decomposition products such as soot, carbon dioxide (CO₂) and carbon monoxide (CO). Inhalation of decomposition products may lead to adverse health effects.</p> <p>5.3 Advice for firefighters: Prevent any extinguishing water from entering the sewerage system and bodies of water. Special protective equipment for firefighters: Use suitable breathing apparatus.</p>
<p>6. Accidental release measures</p> <p>6.1 Personal precautions, protective equipment and emergency procedures: Observe all statutory protective and safety regulations.</p> <p>6.2 Environmental precautions: No special environmental protection measures needed.</p> <p>6.3 Methods and material for containment and cleaning up: Pick up mechanically. Dispose of the picked-up material according to the Disposal section.</p> <p>6.4 Reference to other sections: Also refer to section 8.</p> <p>6.5 Additional information: No hazardous substances are released.</p>
<p>7. Handling and storage</p> <p>7.1 Precautions for safe handling: Precautions: Gloves should be worn when handling the product. Prevent any direct contact with a naked flame. Have a suitable fire extinguishing agent – please refer to section 5 – at hand in the presence of strong sources of heat such as a burner.</p> <p>7.2 Conditions for safe storage, including any incompatibilities: Technical measures and storage conditions: No special measures needed. Further information on storage conditions: Keep in a dry place.</p> <p>7.3 Specific end use(s): Please refer to the product-related technical information sheet for further details.</p>
<p>8. Exposure controls / personal protection</p> <p>8.1 Control parameters: Workplace exposure limits: Not applicable</p>

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8.2 Exposure controls:

Personal protective equipment:

Eye / face protection:

Protective goggles should always be worn during machining (grinding, sawing, drilling, cutting work). Wear protective goggles when performing overhead work.

Skin protection / hand protection:

Use a care cream, or a fatty ointment if you have very dry skin, every time after cleaning.

Respiratory protection:

Ensure good ventilation.

We recommend that a P1 dust mask be worn when performing dust-producing work such as cutting and grinding.

General protection and hygiene measures:

Observe the usual precautions. Do not eat, drink, smoke or take snuff at the workplace. Wash your hands before a break and at the end of work.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:

Physical state:

Board

Colour:

Yellow, beige

Odour:

Faint, characteristic

Odour threshold:

No data available

Safety-relevant basic data:

Melting point/melting range:

Not applicable

Initial boiling point and boiling range:

Not applicable

Decomposition temperature:

No data available

Flash point:

Not applicable

Vapour pressure:

Not applicable

Lower explosive limit:

Not applicable

Upper explosive limit:

Not applicable

Relative density:

Approx. 550 kg/m³

Solubility in water:

Insoluble

9.2 Other information:

The product does not ignite spontaneously. The product is not explosive.

10. Stability and reactivity

10.1 Reactivity:

No dangerous reactions known if used as intended by the manufacturer.

10.2 Chemical stability:

The product is stable under normal circumstances.

10.3 Possibility of hazardous reactions:

None known

10.4 Conditions to avoid:

None known

10.5 Incompatible materials:

None known

11. Toxicological information

11.1 Information on toxicological effects

Assessment / classification

Health risks:

No known risk of toxicological effects under normal conditions of use.

Chemical burns / skin irritation:

Does not cause any skin irritation

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Serious eye damage / irritation:

Does not cause any eye irritation

(Respiratory) sensitisation:

Does not cause any respiratory sensitisation

(Skin) sensitisation:

Does not cause any skin sensitisation

Germ cell mutagenicity:

No data available

Carcinogenicity:

No data available

Reproductive toxicity:

No data available

Reproductive toxicity, effects on / via lactation:

No data available

Specific target organ toxicity (single exposure):

No data available

Specific target organ toxicity (respiratory irritation):

No data available

Specific target organ toxicity (narcotic effects):

No data available

Specific target organ toxicity (repeated exposure):

No data available

Aspiration hazard:

No data available

12. Ecological information

12.1 Toxicity:

Aquatic toxicity:

No known risk of toxicological effects on the environment under normal conditions of use.

12.2 Persistence and degradability:

Not biodegradable.

12.3 Bioaccumulative potential:

No information available.

12.4 Mobility in soil:

No information available.

12.5 Results of PBT and vPvB assessment:

Does not contain any PBT / vPvB substance.

13. Disposal considerations

13.1 Waste treatment methods:

Disposal of the product / packaging:

The user is responsible for the correct classification and labelling of any waste produced. If the product is used as recommended by the manufacturer, the waste code can be selected according to the European Waste Catalogue (EWC): category 17 09 - Other construction and demolition waste. Observe the local statutory regulations on waste disposal if the product cannot be recycled.

Contaminated packaging:

Completely emptied packaging can be recycled through waste recycling systems.

Waste code for non-used product:

17 06 04: insulation material other than material that is subject to 17 06 01 and 17 06 03.

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14. Transport information

14.1 UN number:

Not a dangerous good within the meaning of these transport regulations.

14.2 UN proper shipping name:

Kein Gefahrgut im Sinne dieser Transportvorschriften.

14.3 Transport hazard class(es):

Kein Gefahrgut im Sinne dieser Transportvorschriften.

14.4 Packing group:

Kein Gefahrgut im Sinne dieser Transportvorschriften.

14.5 Environmental hazards:

Kein Gefahrgut im Sinne dieser Transportvorschriften.

14.6 Special precautions for user:

Make sure that the load is properly secured.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:

No information available.

15 Regulatory information

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

National regulations

Also observe all national statutory regulations!

Information on employment restrictions:

Observe any potential employment restrictions under the Directive on Maternity Leave or Youth Employment Protection Act.

Other regulations, restrictions and prohibition orders:

Ordinance on Industrial Safety and Health (BetrSichV):

Not a flammable liquid according to BetrSichV.

15.2 Chemical safety assessment:

No information available.

16. Other information

Division issuing the safety information sheet:

BOSIG Baukunststoffe GmbH
Roland-Schmid-Str. 1
04910 Elsterwerda

Contact person:

Dipl.-Ing. Marko Fischer

The aforementioned information is based on our current state of knowledge and does not warrant any particular product properties. The responsibility to observe all relevant laws and regulations lies with the recipient of our product. The safety information sheet amends but does not replace the technical information sheet.

16.2 Abbreviations and acronyms:

EWC - European Waste Catalogue
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals
SVHC - Substance of Very High Concern
vPvB - Very Persistent, Very Bioaccumulative

16.3 Key literature and sources for data

Accident prevention regulations and information of the German employers' liability insurance associations.
Pay attention to the technical information sheet.

16.4 Wording of the R, H and EUH phrases (number and full text)

None