

Safety Information Sheet

in line with Regulation (EC) 1907/2006 (REACH)

The product Phonotherm® is not a hazardous substance within the meaning of the EU Dangerous Goods Regulation. A safety data sheet for transport, placing on the market and use is therefore not required. When used properly, Phonotherm® has no environmentally harmful effects. The product has been assessed in accordance with REACH (substances of very high concern - candidate list); it does not contain any substances that are released from the product during normal use.

However, in order to meet customer demand and promote risk prevention, this information has been provided in line with REACH.

1. Identification of the substance or preparation and company identification

1.1 Product identifier

Trade name: **Phonotherm®**

Revised on: 07.07.2025
Replaces version 24.04.2024
dated: 07.07.2025
Print date: 07.07.2025

Page 1 of 5

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

Relevant identified uses:

Polyurethane thermal insulation board

Uses advised against:

none known

1.3 Details of the supplier providing the safety data sheet:

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

WARMOTECH GmbH
Roland-Schmid-Str. 1
04910 Elsterwerda
Tel.: 03533-7000 / Fax: 03533-700-200
Email: info@warmotech.com/de

2. Hazards identification

2.1 Classification of the substance or mixture:

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

Phonotherm® is classified as non-hazardous within the meaning of the applicable directives.

2.2 Label elements:

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

Special provisions for supplemental label elements for certain mixtures

Phonotherm® is not subject to labelling requirements under the directives and regulations on chemical substances and mixtures

2.3 Other hazards:

No adverse effects on health or the environment during normal use.

3. Composition / information on ingredients

3.2 Mixtures:

Hazardous ingredients:

Rigid polyurethane foam particles in pressed board form, containing small amounts of aluminium.

4. First aid measures

4.1 Description of first aid measures:

General information:

No information for the physician is available.

After inhalation and skin contact:

No special measures required.

After eye contact:

After eye contact, remove contact lenses. Rinse immediately with plenty of water for at least 15 minutes, including under the eyelids.

After ingestion:

No special measures required.

Safety Information Sheet

in line with Regulation (EC) 1907/2006 (REACH)

Trade name:

Phonotherm®

Print date:

07.07.2025

Page 2 of 5

Manufacturer:

WARMOTECH GmbH, Roland-Schmid-Str. 1, 04910 Elsterwerda

4.2 Most important acute and delayed symptoms and effects:

No adverse effects known.

4.3 Indication of any immediate medical attention and special treatment needed:

No special treatment required.

5. Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Carbon dioxide (CO₂). Dry extinguishing powder. Water spray. Alcohol-resistant foam.

Unsuitable extinguishing media:

Full water jet

5.2 Special hazards arising from the substance or mixture:

Hazardous combustion products:

In the event of fire, dense black smoke is produced containing decomposition products such as soot, carbon dioxide (CO₂) and carbon monoxide (CO). Inhalation of decomposition products may cause damage to health.

5.3 Advice for firefighters:

Do not allow extinguishing water to enter drains or bodies of water.

Special protective equipment for firefighting:

Use suitable respiratory protective equipment.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Follow statutory protection and safety regulations.

6.2 Environmental precautions:

No special environmental protection measures required.

6.3 Methods and material for containment and cleaning up:

Collect mechanically. Treat the collected material in accordance with the disposal section.

6.4 Reference to other sections:

See also Section 8.

6.5 Additional information:

No hazardous substances are released.

7. Handling and storage

7.1 Precautions for safe handling:

Protective measures:

Wearing gloves is recommended. Avoid direct contact with open flames. When handling strong heat sources (e.g. burners), provide a suitable extinguishing medium - see Section 5.

7.2 Conditions for safe storage, including any incompatibilities:

Technical measures and storage conditions:

No special measures required.

Further information on storage conditions:

store in a dry place

7.3 Specific end use(s):

For further information, also see the technical data sheet for the product.

8. Exposure controls / personal protective equipment

8.1 Control parameters:

Occupational exposure limits:

not applicable

Safety Information Sheet

in line with Regulation (EC) 1907/2006 (REACH)

Trade name:

Phonotherm®

Print date:

07.07.2025

Page 3 of 5

Manufacturer:

WARMOTECH GmbH, Roland-Schmid-Str. 1, 04910 Elsterwerda

8.2 Exposure controls:

Personal protective equipment:

Eye / face protection:

Protective goggles should generally be worn during mechanical processing (grinding, sawing, drilling, milling). Use safety goggles when working overhead.

Skin protection / hand protection:

Use care creams after each cleaning; use greasy ointment for very dry skin.

Respiratory protection:

Ensure good ventilation.

If dust occurs, e.g. during cutting and grinding, we recommend a P1 dust mask.

General protective and hygiene measures:

Observe the usual precautionary measures. Do not eat, drink, smoke or use snuff at the workplace. Wash hands before breaks 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:

weak, 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 explosion limit:

not applicable

Upper explosion limit:

not applicable

Relative density:

approx. 550 kg/m³

Water solubility:

insoluble

9.2 Other information:

The product is not self-igniting. The product is not explosive.

10. Stability and reactivity

10.1 Reactivity:

No hazardous reactions known when handled as intended.

10.2 Chemical stability:

Product is stable under normal conditions.

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 hazards:

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

Skin corrosion/irritation:

Safety Information Sheet

in line with Regulation (EC) 1907/2006 (REACH)

Trade name:

Phonotherm®

Print date:

07.07.2025

Page 4 of 5

Manufacturer:

WARMOTECH GmbH, Roland-Schmid-Str. 1, 04910 Elsterwerda

no skin irritation

Serious eye damage/irritation:

no eye irritation

Sensitisation (respiratory tract):

does not cause respiratory sensitisation

Sensitisation (skin):

does not cause skin sensitisation

Germ cell mutagenicity:

no data available

Carcinogenicity:

no data available

Reproductive toxicity:

no data available

Reproductive toxicity, effects on or via lactation:

no data available

Specific target organ toxicity (single exposure):

no data available

Specific target organ toxicity (respiratory tract 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 is available.

12.4 Mobility in soil:

No information is available.

12.5 Results of PBT and vPvB assessment:

Contains no PBT/vPvB substance.

13. Disposal considerations

13.1 Waste treatment methods:

Disposal of the product / packaging:

The user is responsible for the correct coding and designation of the waste generated. When used as recommended, the waste code may be selected in accordance with the European Waste Catalogue (EWC), category 17 09 - other construction and demolition wastes. If recycling is not possible, dispose of in accordance with local official regulations.

Contaminated packaging:

Completely emptied packaging is reused through disposal systems.

Waste code for the unused product:

17 06 04: insulation materials other than those mentioned in 17 06 01 and 17 06 03.

Safety Information Sheet

in line with Regulation (EC) 1907/2006 (REACH)

Trade name:

Phonotherm®

Print date:

07.07.2025

Page 5 of 5

Manufacturer:

WARMOTECH GmbH, Roland-Schmid-Str. 1, 04910 Elsterwerda

14. Transport information

14.1 UN number:

Not dangerous goods within the meaning of these transport regulations.

14.2 UN proper shipping name:

Not dangerous goods within the meaning of these transport regulations.

14.3 Transport hazard class:

Not dangerous goods within the meaning of these transport regulations.

14.4 Packing group:

Not dangerous goods within the meaning of these transport regulations.

14.5 Environmental hazards:

Not dangerous goods within the meaning of these transport regulations.

14.6 Special precautions for user:

Ensure sufficient load securing.

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

No information is available.

15 Regulatory information

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

National regulations

National legal regulations must also be observed!

Information on employment restrictions:

Observe possible employment restrictions under maternity protection regulations or the Youth Employment Protection Act.

Other regulations, restrictions and prohibition ordinances:

Industrial Safety Ordinance (BetrSichV):

Not a flammable liquid according to BetrSichV.

15.2 Chemical safety assessment:

No information is available.

16. Other information

Department issuing the information sheet:

WARMOTECH GmbH

Roland-Schmid-Str. 1

04910 Elsterwerda

Contact person:

Nerijus Česnavičius

The above information is based on the current state of our knowledge and does not constitute a guarantee of properties.

Existing laws and regulations must be observed by the recipient of our product at their own responsibility. The safety information sheet supplements the technical data sheet but does not replace it.

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 references and data sources

Accident prevention regulations and information from the employers liability insurance associations.

Observe the technical data sheet.

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

None