

Product Handling Information Sheet

Glastherm[®] HT 220

1. Company

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2. Product details

Product/Article	Technical semi-finished product or machined part
Abbreviated terms	–
Material Characterisation	Glass-fiber reinforced epoxy resin in hardened condition
Main Components	<ul style="list-style-type: none"> • glass-fiber • epoxy resin • additives • filler
Components Subject to labelling	–
Classification according to REACH	Article
Notes	–

3. Product characteristics

Form/State	<ul style="list-style-type: none"> • firm
Color	–
Odour	<ul style="list-style-type: none"> • typical material smell
Density	–
Melting range	–
Glass transition temperature	–



3. Product characteristics

Thermal decomposition	None, when used as intended
Flash point	–
Ignition temperature	–
Notes	–

4. Danger warnings

Special Risks For Mankind And The Environment	None
Notes	According to the IARC, glass filaments cannot be classified as carcinogenic to humans. (IARC Group 3) The diameter of the continuous filament glass fibers used in this laminate is outside the respirable range of 3 µm, so the risk of chronic lung damage is minimal. The diameter of the continuous filament glass fibers used is 5–16 µm (typically 12 µm). Processing these fibers does not reduce their diameter, meaning their potential respirability does not increase. Translated with DeepL.com (free version)

5. Handling and Storage

Handling	<ul style="list-style-type: none"> • Product can be worked with conventional machines and tools. • For the machining special tools should be used such as tungsten carbides drill / PKD or diamond-equipped tools.
Storage	<ul style="list-style-type: none"> • horizontally • dry • protected against climatic influences • protected against frost
Safety measures	<ul style="list-style-type: none"> • Provide effective dust extraction when processing and machining. • Carry protective mask with dusty condition.
Shelf Life	–
Notes	–

6. Transport

Transport	<ul style="list-style-type: none"> • Non dangerous goods according to the transport regulations. • Secure against slipping.
Finished Product Packing	–



6. Transport

Notes

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7. Fire – fighting measures

Suitable extinguishing agents

- water
- sand
- foam
- CO₂

Potential combustion products

- CO
- CO₂

Necessary protection equipment

- Complete protection equipment for fire-brigade.
- Use self-contained air respirators during strong smoke and steam development.

Notes

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8. Removal

Recyclability

Check possibility of recycling.

EC Waste Catalog

The product is classified in accordance with the European-Waste Catalogue (EWC) as “not dangerous”.

Waste Removal

Has to be conveyed to a suitable dumping site or combustion plant in accordance with local regulations.

EC Waste Code

- 10 11 03 waste glass-based fibrous materials

Notes

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9. Marking and Guidelines

Marking in accordance with EEC Guideline no labelling required

Notes

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10. Information about REACH



Information about REACH

According to EC directive 1907/2006/EC (REACH), Article 3, no.3 our products are clearly defined as articles, exempt from registration. The EU regulation about chemicals no. 1907/2006 (REACH), which came into force 01 st of June 2007, prescribes Material Safety Data Sheets only for dangerous substances and preparations. According to REACH we are manufacturing articles and, therefore, not required to issue safety sheets.

11. Other Information

Other Information

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