

Product Handling Information Sheet

Durostone[®] EPM 204

1. Company

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2. Product details

Product/Article	Technical semi-finished product or machined part
Abbreviated terms	GFK-EP
Material Characterisation	Glass-fiber reinforced epoxy resin in hardened condition
Main Components	<ul style="list-style-type: none"> • glass-fiber • epoxy resin • stabiliser • additives
Components Subject to labelling	none
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	-
Thermal decomposition	None, with intended use



3. Product characteristics

Flash point	-
Ignition temperature	-
Notes	-

4. Danger warnings

Special Risks For Mankind And The Environment	None
Notes	According to IARC glass fibre filaments cannot be classified as carcinogenic with humans (IARC group 3). The diameter of the glass fibre filaments which are used in this laminated material is outside of the lung-usual range from 3 μm so that the danger of chronic lung damage is minimal. The diameter of the used glass fibre filaments amounts to 5 – 16 μm (typical 12 μm). Their diameter is not reduced by treatment of these fibres, i. e. its potential lung freedom of movement does not increase.

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
Safety measures	<ul style="list-style-type: none"> • Provide effective dust extraction when processing and machining. • Carry protective mask and eye protector 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	-
Notes	-



7. Fire – fighting measures

Suitable extinguishing agents	<ul style="list-style-type: none"> • water • sand • foam • CO₂
Potential combustion products	<ul style="list-style-type: none"> • CO • CO₂ • carbon monoxide • other toxic gases
Necessary protection equipment	<ul style="list-style-type: none"> • Complete protection equipment for fire-brigade. • Use self-contained air respirators during strong smoke and steam development.
Notes	-

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	Can be recycled and/or has to be conveyed to a suitable dump or a suitable combustion plant.
EC Waste Code	<ul style="list-style-type: none"> • 10 11 03 waste glass-based fibrous materials
Notes	-

9. Marking and Guidelines

Marking in accordance with EEC Guideline	no labelling required
Notes	-

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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