

## **Product Handling Information Sheet**

## Durostone® EPC 203

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><li>glass-fiber</li><li>epoxy resin</li><li>additives</li></ul>
Components Subject to labelli	ng none
Classification according to RE.	ACh Article
Notes	-
3. Product characteristics	
Form/State	• firm
Color	-
Odour	typical material smell
Density	-
Melting range	-
Glass transition temperature	<u>-</u>
Thermal decomposition	<u>-</u>
Flash point	None, with intended use





humans (IARC group 3). The diameter of the glass fibre filaments which are use 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 or 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. it's potential lung freedom of movement does not increase.  5. Handling and Storage  Handling  • Product can be worked with conventional machines and tools.	3. Product characteristics		
Special Risks For Mankind And The Environment	Ignition temperature		-
Special Risks For Mankind And The Environment  Notes	Notes		-
Environment  Notes  According to IARC glass fibre filaments cannot be classified as carcinogenic v humans (IARC group 3). The diameter of the glass fibre filaments which are use 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 or 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  Product can be worked with conventional machines and tools.  For the machining special tools should be used such as tungsten carbides on PKD or diamond-equipped tools.  Storage  horizontally  dry  protected against frost  protected against climatic influences  Safety measures  Provide effective dust extraction when processing and machining.  Carry protective mask and protective goggles at dusty condition.  Shelf Life  Notes  -  Notes  Non dangerous goods according to the transport regulations.  Secure against slipping.  Finished Product Packing  -	4. Danger warnings		
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Handling  Product can be worked with conventional machines and tools. For the machining special tools should be used such as tungsten carbides of PKD or diamond-equipped tools.  Storage  PKD or diamond-equipped tools.  Storage  Provide offective days extraction when processing and machining. Carry protective mask and protective goggles at dusty condition.  Shelf Life  Notes  Notes  Non dangerous goods according to the transport regulations. Secure against slipping.  Finished Product Packing  Provide carry protective mask and protective goggles at dusty condition.	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 $\mu m$ so that the danger of chronic lung damage is minimal. The diameter or the used glass fibre filaments amounts to 5 – 16 $\mu m$ (typical 12 $\mu m$ ). Their diameter is not reduced by treatment of these fibres, i. e. it's potential lung freedom of movement does not increase.
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6. Transport  Transport  • Non dangerous goods according to the transport regulations. • Secure against slipping.  Finished Product Packing  -	Safety measures		
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Notes -	Finished Product Packing		-
	Notes		-





7. Fire – fighting measures			
Suitable extinguishing agents	<ul> <li>water</li> <li>sand</li> <li>foam</li> <li>CO<sub>2</sub></li> </ul>		
Potential combustion products	• CO • CO <sub>2</sub> • other toxic gases		
Necessary protection equipmen	Complete protection equipment for fire-brigade.		
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	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			
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

The information in this document are based on our today's knowledge and represent no affirmation of characteristics. Existing laws and regulations are to be observed by the user of our product within his own responsibility.



