

## **Product Handling Information Sheet** Durostone<sup>®</sup> EPM S7

1. Company		
Name/Address	<b>Röchling Industrial SE &amp; Co. KG</b> Röchlingstr. 1 • 49733 Haren (Ems)/Germany (DE) • Tel. +49 5934 701-0 info@roechling-plastics.com • www.roechling.com/industrial/haren	
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 labelling	none	
Classification according to REACh	Article	
Notes		

3. Product characteristics	
Form/State	• firm
Color	-
Odour	typical material smell
Density	-
Melting range	-
Glass transition temperature	-
Thermal decomposition	-
Flash point	None, with intended use



## Röchling

3. Product characteristics	
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 $\mu$ 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. its potential lung freedom of movement does not increase.			
5. Handling and Storage				
Handling	<ul> <li>Product can be worked with conventional machines and tools.</li> <li>For the machining special tools should be used such as tungsten carbides of PKD or diamond-equipped tools.</li> </ul>			
Storage	<ul> <li>horizontally</li> <li>dry</li> <li>protected against frost</li> <li>protected against climatic influences</li> <li>Provide effective dust extraction when processing and machining.</li> <li>Carry protective mask and protective goggles at dusty condition.</li> </ul>			
Safety measures				
Shelf Life	-			
Notes	-			

6. Transport	
Transport	<ul> <li>Non dangerous goods according to the transport regulations.</li> <li>Secure against slipping.</li> </ul>
Finished Product Packing	-
Notes	_



## Röchling

Industrial

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

Marking in accordance with EEC	no labelling required		
Guideline			
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



Print: 24/08/2024 • Release: 20/09/2023 PIM-Version: 525 • PIM-ID: 710055 • PIM-Code: 525-20



## Industrial

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.





Print: 24/08/2024 • Release: 20/09/2023 PIM-Version: 525 • PIM-ID: 710055 • PIM-Code: 525-20