Industrial

## **Product Handling Information Sheet**

### Polystone<sup>®</sup> D BIO (mb) natural

1. Company	
Name/Address	Röchling Industrial SE & Co. KG
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	info@roechling-plastics.com • www.roechling.com/industrial/haren
2. Product details	
Product/Article	Technical semi-finished product or machined part
Abbreviated terms	PE-HD / PE 500
Material Characterisation	Semi crystalline plastic
Main Components	<ul> <li>polyethylene</li> <li>possibly olefin-copolymerisate</li> <li>stabiliser</li> <li>additives</li> </ul>
Components Subject to labelling	none
Classification according to REACh	Article
Notes	This product is a mass-balanced and bio-based product. See chapter 11.

3. Product characteristics	
Form/State	• firm
Color	natural
Odour	nearly odourless
Density	>0,95
Melting range	130 135
Glass transition temperature	



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3. Product characteristics		
Thermal decomposition	> 390°C	
Flash point	-	
Ignition temperature	> 350°C	
Notes	_	

Special Risks For Mankind And The Environment		none					
Notes		-					
5. Handling and Storage							
Handling		<ul> <li>Product can be worked with conventional machines and tools.</li> <li>Before machining the product should have room temperature and/or to be stored for min. 24h under normal climatic conditions.</li> </ul>					
Storage		<ul> <li>horizontally</li> <li>dry</li> <li>protected against frost</li> <li>protected against climatic influences</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	

#### 7. Fire – fighting measures



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water
• foam
• CO <sub>2</sub>
dry powder extinguishing agents
• CO
• CO <sub>2</sub>
Complete protection equipment for fire-brigade.
Molten product has to be cooled with water. Fireresidues must be collected and disposed according to the local instructions.

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 wit local regulations.			
EC Waste Code	<ul><li>12 01 05 plastics shavings and turnings</li><li>20 01 39 plastics</li></ul>			
Notes	-			

9. Marking and Guidelines						
Marking in accordance with EE	EC Guideline	no labelling re	equired			
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**



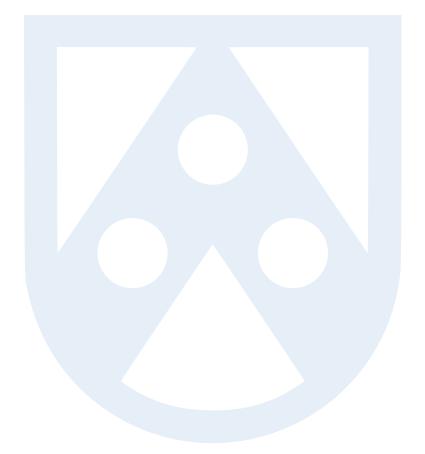
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Other Information

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. Bio-based product (article) - The product (article) loses its biobased status if the purchasing company is not certified according to ISCC-Plus.





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