Industrial

### **Product Handling Information Sheet**

### Sustamid<sup>®</sup> 6 BIO (mb) natural

1. Company			
Name/Address		<b>Röchling Industrial Lahnstein SE &amp; Co. KG</b> Sustaplast-Str. 1 • 56112 Lahnstein/Germany (DE) • Tel. +49 2621 693-0 info.lahnstein@roechling.com • www.roechling.com/industrial/lahnstein	
2. Product details			
Product/Article		Engineering semi-finished product	
Abbreviated terms		PA 6	
Material Characterisation		Thermoplastic	
Main Components		<ul> <li>polyamide 6</li> <li>contains evtl. colour pigments</li> </ul>	
Components Subject to labe	lling	none	
Classification according to F	REACh	Article	
Notes			

3. Product characteristics	
Form/State	• solid
Color	natural
Odour	• odourless
Density	1,14
Melting range	220
Glass transition temperature	-
Thermal decomposition	>300 °C
Flash point	



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3. Product characteristics		
Ignition temperature	>400 °C	
Notes	-	

4. Danger warnings			
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 stored for min. 24h under normal climatic conditions.</li> </ul>		
Storage	<ul> <li>horizontally</li> <li>dry</li> <li>protected against climatic influences</li> </ul>		
Safety measures			
Shelf Life	-		
Notes	-		

6. Transport	
Transport	<ul> <li>Not classified as hazardous good under transport regulations</li> </ul>
Finished Product Packing	-
Notes	-

7. Fire – fighting measures	
Suitable extinguishing agents	• water
	• foam
	<ul> <li>dry extinguishing media</li> </ul>
	• CO <sub>2</sub>



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7. Fire – fighting measures	
Potential combustion products	<ul> <li>carbon monoxide</li> <li>nitrogen oxide</li> <li>traces of hydrogen cyanide</li> </ul>
Necessary protection equipment	<ul> <li>Fire fighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.</li> </ul>
Notes	Molten product should be cooled by water spray. Dispose fire debris and contaminated extinguishing water in accordance with local regulations.

8. Removal			
Recyclability	Check possibility of recycling.		
EC Waste Catalog	According the European waste catalogue (EAK) the product is not classified as hazardous.		
Waste Removal	Waste disposal by landfill or incineration in compliance with state and local regulations.		
EC Waste Code	<ul> <li>12 01 05 plastics shavings and turnings</li> <li>07 02 13 waste plastic</li> </ul>		
Notes			

9. Marking and Guidelines			
Marking in accordance with Guideline	EEC	not subject to labelling	
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



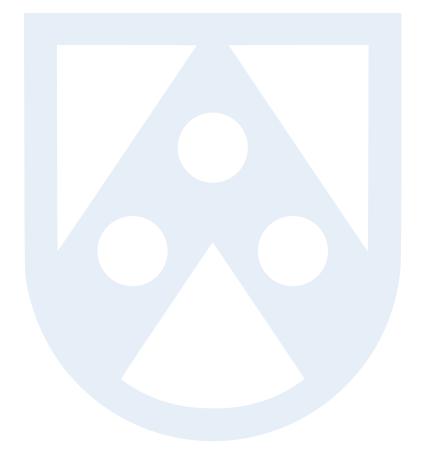
Print: 21/11/2024 • Release: 15/02/2024 • Version: 1.0 PIM-Version: 68 • PIM-ID: 718615 • PIM-Code: 68-27



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Other Information

All above mentioned information are based on our current state of knowledge and ensure no warranty of quality. Existing laws and regulations have to be observed by the recepient of our products on his own authority. 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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