Industrial

## **Product Handling Information Sheet**

### Polystone<sup>®</sup> PVDF GK natural

1. Company	
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2. Product details	
Product/Article	Technical semi-finished product or machined part
Abbreviated terms	PVDF
Material Characterisation	Semi crystalline plastic with glass fabrics
Main Components	polyvinylidene fluoride
Components Subject to labellin	g none
Classification according to REA	Ch Article
Notes	

3. Product characteristics	
Form/State	• firm
Color	natural
Odour	nearly odourless
Density	>1,75
Melting range	172 175
Glass transition temperature	
Thermal decomposition	> 350°C
Flash point	-
Ignition temperature	



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3. Product characteristics	
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 be stored for min. 24h under normal climatic conditions.</li> <li>When welding do not exceed the recommended air and tool temperatures.</li> <li>By disregarding the instructions the staff can falls in Fluor fever (fever with flulike symptoms).</li> <li>At the first sign a doctor should be consulted.</li> <li>Plant parts should be grounded.</li> <li>Carry out processing in such a way that there is no thermal decomposition.</li> </ul>
Storage	<ul> <li>horizontally</li> <li>dry</li> <li>protected against frost</li> <li>protected against climatic influences</li> </ul>
Safety measures	In case of inhalation of decomposition products: - Take to fresh air.
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	Product protect against open flames.



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7. Fire – fighting measures	
Suitable extinguishing agents	• water
	• foam
	• CO <sub>2</sub>
	<ul> <li>dry powder extinguishing agents</li> </ul>
Potential combustion products	hydrofluoric acid
	• CO
	<ul> <li>low molecular fluorocarbon</li> </ul>
Necessary protection equipment	Complete protection equipment for fire-brigade.
Notes	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 with 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 EEC Guideline	no labelling required
Notes	The material does not contain constituents that exhibit endocrine disrupting properties in quantities of 0.1% or more in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

10. Information about REACh	
Information about REACh	Information about REACh Text

#### 11. Other Information



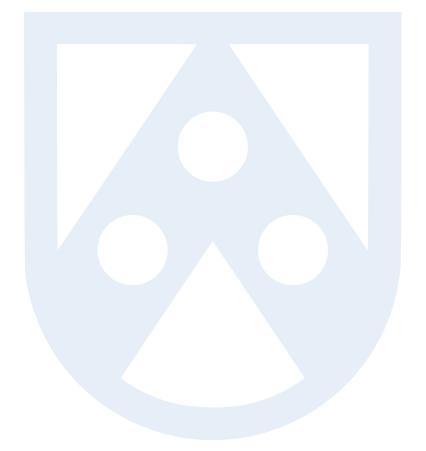
Print: 04/05/2024 • Release: 20/09/2023 • Version: 1.0 PIM-Version: 461 • PIM-ID: 591231 • PIM-Code: 461-44



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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.





Print: 04/05/2024 • Release: 20/09/2023 • Version: 1.0 PIM-Version: 461 • PIM-ID: 591231 • PIM-Code: 461-44