

# Product Handling Information Sheet

## Polystone® D FG blue

### 1. Company

Name/Address

**Röchling Industrial SE & Co. KG**

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### 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

- polyethylene
- possibly olefin-copolymerisate
- stabiliser
- additives

Components Subject to labelling

none

Classification according to REACh

Article

Notes

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### 3. Product characteristics

Form/State

- firm

Color

blue

Odour

- nearly odourless

Density

>0,95

Melting range

130 ... 135

Glass transition temperature

–

Thermal decomposition

> 390°C



### 3. Product characteristics

Flash point	-
Ignition temperature	> 350°C
Notes	-

### 4. Danger warnings

Special Risks For Mankind And The Environment	none
Notes	-

### 5. Handling and Storage

Handling	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 style="list-style-type: none"> <li>• Non dangerous goods according to the transport regulations.</li> <li>• Secure against slipping.</li> </ul>
Finished Product Packing	-
Notes	-

### 7. Fire – fighting measures

Suitable extinguishing agents	<ul style="list-style-type: none"> <li>• water</li> <li>• foam</li> <li>• CO<sub>2</sub></li> <li>• dry powder extinguishing agents</li> </ul>
Potential combustion products	<ul style="list-style-type: none"> <li>• CO</li> <li>• CO<sub>2</sub></li> </ul>
Necessary protection equipment	<ul style="list-style-type: none"> <li>• Complete protection equipment for fire-brigade.</li> </ul>
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 style="list-style-type: none"> <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	-

### 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.[]
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### 11. Other Information

### Other Information

The above information is based on the current state of our knowledge and does not constitute a guarantee of properties. Existing laws and regulations are to be observed by the recipient of our product on his own responsibility.

