

# Product Handling Information Sheet

## Polystone® MR-natural or coloured

### 1. Company

Name/Address: Röchling Engineering Plastics KG  
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### 2. Product details

Product/Article: Technical semi-finished product or machined part  
Abbreviated terms: PE-UHMW / PE 1000  
Material characterisation: Semi crystalline plastic  
Main components: Polyethylene, possibly Olefin-Copolymerisate,  
Stabiliser, Additives  
Components subject to labelling: None  
Classification according to REACH: Article  
Notes: -

### 3. Product characteristics

Form/State: Firm  
Colour: Natural or coloured  
Odour: Nearly odourless  
Density: 0,92 – 0,95 g/cm<sup>3</sup> (ISO 1183)  
Melting range: 100°C – 140°C (DSC)  
Glass transition temperature: -  
Thermal decomposition: > 390°C  
Flash point: ≈ 340°C  
Ignition temperature: > 350°C  
Notes: -

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### 4. Danger warnings

Special risks for mankind and the environment: None

Notes: -

### 5. Handling and Storage

Handling: Product can be worked with commercially machines and tools.

Before machining the product should have room temperature and/or to be stored for min. 24h under normal climatic conditions

Storage: Horizontally, dry, protected against frost and climatic influences

Safety measures: -

Notes: -

### 6. Transport

Transport: Non dangerous goods according to the transport regulations

Secure against slipping

Notes: -

### 7. Fire – fighting measures

Suitable extinguishing agents: Water, foam, carbon dioxide (CO<sub>2</sub>), dry powder extinguishing agents

Potential combustion products: CO, CO<sub>2</sub>

Necessary protection equipment: Complete protection equipment for fire-brigade  
Use self-contained air respirators during strong smoke and steam development

Notes: Molten product has to be cooled with water. Fire residues must be collected and disposed of according to the local instructions

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### 8. Disposal references

Recyclability:	Check possibility of recycling
EC Waste Catalogue:	The product is classified in accordance with the European-Waste Catalogue (EWC) as "Not dangerous"
EC Waste Code:	120105 Plastics shavings and turnings 200139 Plastics of Separately collected fractions
Waste removal:	Has to be conveyed to a suitable dumping site or combustion plant in accordance with local regulations
Notes:	-

### 9. References to marking, guidelines and regulations

Marking in accordance with EEC-guidelines:	No labelling required
Other guidelines:	-
Notes:	-

### 10. Information about REACH

In accordance with the EU directive 1907/2006/EC (REACH), article 3, no. 3, our products are clearly defined as articles not subject to registration.

The European directive regarding chemicals no. 1907/2006 (REACH) enforced on 1st June 2007 stipulates Material Safety Data Sheets (MSDS) only for dangerous substances and preparations. Our products do not fall under this scope of REACH.

### 11. 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.