

Product Handling Information Sheet

Polystone® ECTFE natural

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

E-CTFE

Material Characterisation

Thermoplastic

Main Components

- ethylene-chlorotrifluoroethylene

Components Subject to labelling

-

Classification according to REACh

-

Notes

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3. Product characteristics

Form/State

- firm

Color

natural

Odour

- nearly odourless

Density

>1,65

Melting range

-

Glass transition temperature

-

Thermal decomposition

>300

Flash point

-

Ignition temperature

-

3. Product characteristics

Notes	-
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4. Danger warnings

Special Risks For Mankind And The Environment	none
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Notes	-
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5. Handling and Storage

Handling	<ul style="list-style-type: none"> • Product can be worked with conventional machines and tools. • Before machining the product should have room temperature and/or to be stored for min. 24h under normal climatic conditions. • When welding do not exceed the recommended air and tool temperatures. • By disregarding the instructions the staff can falls in Fluor fever (fever with flu-like symptoms). • At the first sign a doctor should be consulted. • Plant parts should be grounded. • Carry out processing in such a way that there is no thermal decomposition.
Storage	<ul style="list-style-type: none"> • horizontally • dry • product protect against frost • protected against climatic influences
Safety measures	<ul style="list-style-type: none"> • In case of inhalation of decomposition products: - Take to fresh air.
Shelf Life	-
Notes	-

6. Transport

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



7. Fire – fighting measures

Suitable extinguishing agents	<ul style="list-style-type: none"> • water • foam • CO₂ • dry powder extinguishing agents
Potential combustion products	<ul style="list-style-type: none"> • hydrofluoric acid • CO • low molecular fluorocarbon
Necessary protection equipment	<ul style="list-style-type: none"> • Complete protection equipment for fire-brigade. • Use self-contained air respirators during strong smoke and steam development.
Notes	-

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"> • 12 01 05 plastics shavings and turnings • 20 01 39 plastics
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	-
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