

Product Handling Information Sheet

Sylomer HD® 100 green

1. Company

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2. Product details

Product/Article	Engineering semi-finished product / moulded part
Abbreviated terms	PUR (mixed-cell)
Material Characterisation	Mixed-cell polyether urethane elastomer
Main Components	- polyurethane (polyether urethane) - mixed-cell structure
Raw density	500 kg/m ³
Components Subject to labelling	none
Classification according to REACH	Article
Notes	-

3. Product characteristics

Form/State	solid (elastic, cellular)
Color	green
Odour	nearly odourless
Raw density	500 kg/m ³ (0.50 g/cm ³)
Glass transition temperature	-
Thermal decomposition	>200 °C
Flash point	-
Service temperature	-30 °C to +70 °C (short-term +110 °C)
Notes	-

4. Danger warnings

Special Risks For Mankind And The Environment	none (in cured state)
Notes	-

5. Handling and Storage

Handling	• Product can be worked and cut with conventional machines and tools. • Before machining the product should have room temperature and/or be stored for min. 24h under normal climatic conditions. • Ensure adequate dust extraction during machining.
Storage	• dry • cool • protected from UV / direct sunlight • protected from oils and solvents
Safety measures	-
Shelf Life	-
Notes	Avoid permanently damp environment (consider hydrolysis of PUR).

6. Transport

Transport	• Not classified as hazardous good under transport regulations.
Finished Product Packing	-
Notes	-

7. Fire-fighting measures

Suitable extinguishing agents	• water • foam • dry extinguishing media • CO₂
Potential combustion products	• carbon monoxide • carbon dioxide • nitrogen oxides • traces of hydrogen cyanide and isocyanates
Necessary protection equipment	• Fire fighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Notes	Fire residues must be collected and disposed of in accordance with local regulations.

8. Removal

Recyclability	Check possibility of material or thermal recovery.
EC Waste Catalog	According to the European waste catalogue (EAK), the product is not classified as hazardous.
Waste Removal	The material can be conveyed to a suitable incineration plant in compliance with local regulations.
EC Waste Code	• 07 02 13 - waste plastic • 17 06 04 - insulation material (construction)
Notes	–

9. Marking and Guidelines

Marking in accordance with EEC Guideline	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 on chemicals No. 1907/2006 (REACH), which came into force on 1st June 2007, prescribes Material Safety Data Sheets only for dangerous substances and preparations. According to REACH, we are manufacturing articles and are therefore not required to issue safety data sheets.
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11. Other Information

Other Information	Sylomer® is a registered trademark of Getzner Werkstoffe GmbH. All above-mentioned information is based on our current state of knowledge and does not constitute a warranty of properties/quality. Existing laws and regulations must be observed by the recipient of our products under their own responsibility.
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