Product Handling Information Sheet

Durolight® S2

1. Company

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2. Product details

Product/Article	Technical semi-finished product or machined part
Abbreviated terms	–
Material Characterisation	Glass-fiber reinforced polyester resin in hardened condition
Main Components	• glass-fiber • polyester resin • stabiliser • fillers • additives
Components Subject to labelling	none
Classification according to REACh	Article
Notes	–

3. Product characteristics

Form/State	• firm
Color	–
Odour	• typical material smell
Density	–
Melting range	–
Glass transition temperature	–

3. Product characteristics

Thermal decomposition	None, with intended use
Flash point	–
Ignition temperature	–
Notes	–

4. Danger warnings

Special Risks For Mankind And The Environment	None
Notes	According to IARC glass fibre filaments cannot be classified as carcinogenic with humans (IARC group 3). The diameter of the glass fibre filaments which are used in this laminated material is outside of the lung-usual range from 3 m so that the danger of chronic lung damage is minimal. The diameter or the used glass fibre filaments amounts to 5 – 16 m (typical 12 m). Their diameter is not reduced by treatment of these fibres, i. e. it's potential lung freedom of movement does not increase.

5. Handling and Storage

Handling	• Product can be worked with conventional machines and tools. • For the machining special tools should be used such as tungsten carbides drill / PKD or diamond-equipped tools.
Storage	• horizontally • dry • protected against frost • protected against climatic influences
Safety measures	• Provide effective dust extraction when processing and machining. • Carry protective mask and protective goggles at dusty condition.
Shelf Life	–
Notes	–

6. Transport

Transport	• Non dangerous goods according to the transport regulations. • Secure against slipping.
Finished Product Packing	–

6. Transport

Notes	–

7. Fire – fighting measures

Suitable extinguishing agents	• water • sand • CO_2
Potential combustion products	• CO • CO_2 • other toxic gases
Necessary protection equipment	• 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	• 10 11 03 waste glass-based fibrous materials
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.

11. Other Information

Other Information	–