

Product Handling Information Sheet

Durostone® EPF S6

1. Company

| | |
|--------------|---|
| Name/Address | Röchling Industrial SE & Co. KG Röchlingstr. 1 • 49733 Haren (Ems)/DE • Tel. +49 5934 701-0 info@roechling-plastics.com • www.roechling.com/industrial/haren |
|--------------|---|

2. Product details

| | |
|-----------------------------------|---|
| Product/Article | Technical semi-finished product or machined part |
| Abbreviated terms | GFK-EP |
| Material Characterisation | Glass-fiber reinforced epoxy resin in hardened condition |
| Main Components | <ul style="list-style-type: none"> • glass-fiber • epoxy resin • additives |
| Components Subject to labelling | none |
| Classification according to REACh | Article |
| Notes | - |

3. Product characteristics

| | |
|------------------------------|--|
| Form/State | <ul style="list-style-type: none"> • firm |
| Color | - |
| Odour | <ul style="list-style-type: none"> • typical material smell |
| Density | - |
| Melting range | - |
| Glass transition temperature | - |
| Thermal decomposition | None, with intended use |
| Flash point | - |



3. Product characteristics

| | |
|----------------------|---|
| Ignition temperature | - |
| Notes | - |

4. Danger warnings

| | |
|---|---|
| Special Risks For Mankind And The Environment | None |
| Notes | According to the IARC, glass filaments cannot be classified as carcinogenic to humans. (IARC Group 3) The diameter of the continuous filament glass fibers used in this laminate is outside the respirable range of < 3 µm, so the risk of chronic lung damage is minimal. The diameter of the continuous filament glass fibers used is 5–16 µm (typically 12 µm). Processing these fibers does not reduce their diameter, meaning their potential respirability does not increase. |

5. Handling and Storage

| | |
|-----------------|--|
| Handling | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • horizontally • dry • protected against climatic influences |
| Safety measures | <ul style="list-style-type: none"> • Provide effective dust extraction when processing and machining. • Carry protective mask with dusty condition. |
| Shelf Life | - |
| Notes | - |

6. Transport

| | |
|--------------------------|---|
| Transport | <ul style="list-style-type: none"> • Not classified as hazardous good under transport regulations. • Secure against slipping. |
| Finished Product Packing | - |
| Notes | - |



7. Fire – fighting measures

| | |
|--------------------------------|---|
| Suitable extinguishing agents | <ul style="list-style-type: none"> • water • CO₂ • sand • foam |
| Potential combustion products | <ul style="list-style-type: none"> • CO • CO₂ • other toxic gases |
| Necessary protection equipment | <ul style="list-style-type: none"> • 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"> • 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 -

