
EU-MATERIAL SAFETY DATA SHEET

according to guidelines 91/155/EWG

issue 580/05 from 02.09.00
replaces 580/04
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TECAPEEK

7.1 HANDLING

| | |
|---------------------|---|
| GENERAL ADVICE: | Avoid overheating of material by improper handling. Avoid dust generation. |
| TECHNICAL MEASURES: | For mechanical operations local extraction / ventilation is recommended to ensure that less than the 8.1 limit is achieved. Where dust is produced, measures must be taken to avoid static electricity discharge. |

7.2 STORAGE

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|-----------------------|---|
| GENERAL ADVICE: | The appropriate company regulations for fire prevention are to be followed. |
| SPECIAL REQUIREMENTS: | None |

8.1 EXPOSURE CONTROLS

GUIDELINES FOR MATERIALS WITHIN THE WORKINGPLACE:

For mechanical operations the following are to be observed (TRGS 900, Standard 2000)

Respirable dust: MAC 6 mg/m³**8.2 PERSONAL PROTECTION**

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|-------------------------|--|
| RESPIRATORY PROTECTION: | During dusty operations use respiratory protection (e.g. filter mask with P1 filter) |
| EYE PROTECTION: | For mechanical operations wear safety glasses with side pieces. |
| SKIN PROTECTION: | Skin protection should be used (barrier cream). Persons sensitive to glass fibre should wear leather protective gloves. For mechanical processing of glass fibre reinforced products loose fitting, tight work clothes should be worn. |
| HYGIENE MEASURES: | General industrial hygiene regulations are to be observed. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke in the workplace. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|----------------------------|---|----------------|
| FORM: | Solid (semifinished or finished parts) | |
| COLOUR: | Various, dependent on colourant | |
| ODOUR: | Odourless | |
| DENSITY (20 °C): | 1,32 - 1,49 g/cm ³ | DIN 53479 |
| MELTING POINT/RANGE: | 343 °C | DIN 53765 |
| DECOMPOSITION TEMPERATURE: | > 450 °C | DIN 53765-D-10 |
| IGNITION TEMPERATURE: | 595 °C | ASTM-D 1929 |
| EXPLOSION LIMITS | Not applicable | |
| SOLUBILITY (20 °C): | Insoluble in water In organic solution applications insoluble | |

10. STABILITY AND REACTIVITY

| | |
|---------------------------------|---|
| CONDITIONS TO AVOID: | Temperatures > 450 °C (Start of the thermal decomposition) |
| SUBSTANCES TO AVOID: | Concentrated or strong oxidizing acids (e.g. concentrated sulphuric acid) |
| HAZARDS DECOMPOSITION PRODUCTS: | Predominantly carbon dioxide and carbon monoxide. |
| ADDITIONAL INFORMATION: | None |

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11. TOXICOLOGICAL INFORMATION

With proper use and in accordance with regulations there are no known dangers to health.
Contact with molten product can cause burns.
With mechanical operations free glass fibre or dust can cause skin, respiratory and eye irritation. By following the rules there is little or no likelihood of inhaling fibre.

12. ECOLOGICAL INFORMATION

Because of insolubility in water separation by filtration or sedimentation is possible.

13. DISPOSAL CONSIDERATIONS

Uncontaminated product can be recycled.
If no use is possible, product waste can, in accordance with official local regulations, be mixed with household waste or incinerated in an appropriate place.
Waste product code No. for uncontaminated product (European waste catalogue): 20 01 06 other plastics

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15.1 EU GUIDELINES

No warning necessary.

15.2 NATIONAL REGULATIONS (GERMANY)

GefStoffV (15.11.99): No warning necessary

WHG (12.11.96): Not harmful to water in accordance with VwVwS (17.05.99).

16. OTHER INFORMATION

This data sheet is valid for
TECAPEEK
TECAPEEK MT
TECAPEEK GF
TECAPEEK CF

This statement is valid for pure product. It is based on our current knowledge and offers no assurance of properties. It is the user's responsibility to ensure that existing legislation and regulations are followed.
