

PPS (Fire Retardant) Sheet Extruded

Grey

Safety Sheet



| | |
|--|--|
| 1. Substance/preparation | Polyphenylene Sulfide |
| 2. Composition / Indications to components | Chemical characteristics: polymer of propylene with flame protection CAS-number: not necessary |
| 3. Possible dangers | Unknown |
| 4. First-aid measures | General comment: medical aid is not necessary First-aid measures: None Routes of exposure: None Symptoms / effects: None |
| 5. Fire-fighting measures | Suitable fire-fighting appliance: water fog, foam, fire fighting powder, carbon dioxide Hazard warning notice: not applicable |
| 6. Measures in case of unintended release | Person-related measures: none Environmental protection measures: not applicable Cleaning equipment: not applicable Unsuitable cleaning products: not applicable |
| 7. Handling and storage | Handling: no special regulations must be observed Storage: unlimited good storage property |
| 8. Limitation of exposition | Special design of techn. processing facilities: not required Tolerance levels: none Exposure measurement procedures: none Respiratory protection: not required Eye protection: not required Body protection: not required |
| 9. Physical and chemical characteristics | <u>Phenotype</u> Phenotype / form: semi-finished product, solid state Colour: Grey Smell: Not applicable <u>Change of state</u> Crystalline melting range: 160-165 °C Flash point: not applicable <u>Other remarks</u> Density: 0.95 g/cm ³ |

PPS (Fire Retardant) Sheet Extruded

Grey

Safety Sheet



| | |
|--------------------------------|--|
| 10. Stability and reactivity | Thermal decomposition: above appr. 300 ° C Dangerous decomposition products: The material developed for over-temperature hydrogen halide. Besides carbon black carbon dioxide and water so as well as low molecular parts of PP will develop during the burning process. In case of incomplete burning so carbon monoxide may arise. Use of stabilizers: none Exothermic reactions: none Notices regarding state of aggregation: none Conditions to be avoided: none Substances / media to be avoided: none |
| 11. Toxic information | During several years of usage no effects being harmful for the health were observed. |
| 12. Ecological information | No biodegradation, no solubility in water, no effects being harmful to the environment must be expected. Mobility: not applicable Accumulation: not applicable Eco-toxicity: not applicable |
| 13. Waste-disposal information | Can be recycled or can be disposed of together with household rubbish (acc. To local regulations). Waste key for the unused product: EAK-Code 120 105 Waste name: waste of Polyolefine. |
| 14. Transport information | No dangerous product in respect to / according to transport regulations Notice/symbol transport containers: none Special marking for containers: none |
| 15. Regulations | Marking according to GefStoffV/EG: no obligation for marking Water danger class: class 0 (self classification) Domestic requirements to be observed: none |
| 16. Further information | The information is based on our current knowledge. They are meant to describe our products in respect to safety requirements. They do not represent any guarantee of the described product in the sense of the legal guarantee regulations. |

All The above information is for guide purposes only. The data has been taken from standard test results provided by manufactures.