



## PPS Sheet – Fire Retardant Safety Sheet

### 1. Substance/Preparation

Product Name: Polyphenylene Sulfide  
CAS Number: Not necessary  
Material Synonyms: PPS

### 2. Composition/Indications to Components

Chemical Characteristics: Polymer of propylene  
CAS Number: Not necessary

### 2. Possible Dangers

Unknown

### 3. 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 & Storage

Handling: No special regulations must be observed.

Storage: Unlimited good storage property.

## 8. Limitation of Exposition

Special design of technical 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 & Chemical Characteristics

### Phenotype

Phenotype / Form: Semi finished product, solid state

Colour: Natural

Smell: Not applicable

### Change of State

Crystalline melting range: 160 – 165°C

Flash Point: Not applicable.

Density: 0.95 g/cm<sup>3</sup>



## 10. Stability & Reactivity

### Dangerous decomposition products:

Besides carbon black also carbon dioxide and water as well as low molecular parts of PP will develop during the burning process. In case of incomplete burning also carbon monoxide may arise.

Use of stabilisers:	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