



## PE300 Profiles Safety Sheet

### 1. Substance/Preparation

Product Name: High Density Polyethylene

### 2. Composition/Indications to Components

Chemical Characteristics: Polymer of ethylene

CAS Number: Not necessary.

### 2. Possible Dangers

None known.

### 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.

### 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

Tolerance Measures:	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
Odour:	Not applicable

### Change of State

Melting point/melting range:	126 - 130°C
Flash Point:	Not applicable.
Density:	0.947 g/cm <sup>3</sup>
Solubility in Water:	Insoluble.

## 10. Stability & Reactivity

Thermal Decomposition:	Above approx 300°C
Dangerous Decomposition Products:	Besides carbon black also carbon dioxide and water as well as low molecular parts of PE will develop during the burning process. In case of incomplete burning also carbon monoxide may arise.
Use of Stabilisers:	None.
Exothermic Reaction:	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 and bioaccumulation potential: Not applicable.

Accumulation: Not applicable.

Exo-Toxicity: Not applicable.

## 13. Waste Disposal Information

Can be recycled or can be disposed of together with household rubbish (according to local regulations).

Waste key for the unused product: EAK-Code 120 105

Waste Name: Waste of Polyolofine.

## 14. Transport Information

No dangerous product in respect to / according to transport regulations.

Notice/Symbol Transport Containers: None.

Special Marking for Containers: None.