

# EEC - Safety Data Sheet



accordance to EEC guideline 91/155/EWG

Page 1 of 3

Revision: 2001/01

## 1. Substance/preparation and company name

GEHR -PP -of semi-finished material, nature and grey

GEHR-Kunststoffwerk  
Vertriebsgesellschaft mbH  
Casterfeldstrasse. 172  
D-68219 Mannheim

Tel.: +49 621 8789 0  
Fax: +49 621 8789 200

## 2. Composition/information on ingredients

Chemical characterization:  
1-Propene homopolymer

CAS No.: 9003-07-0

## 3. Hazards identification

### Potential Health Effects

The melted product adheres to the skin and causes burnings.  
Danger of slippery on spilt material.  
Possibly production of electrostatic chargings when used.

### Classification system

This material is not hazardous according to the wording of the directives EEC 88/379, 67/548 and subsequent amendments.

## 4. First aid measures

### General information

At room temperature the product is neither irritative nor gives off dangerous steams.  
The measures listed below apply to critical situations (Fire, incorrect process conditions).

### After inhalation

In case of excessive inhalation of fumes bring the person into fresh air. Call for medical help.  
Keep person warm, if necessary give mouth to mouth resuscitation, or artificial respiration.

### After skin contact

After contact with hot product, cool rapidly with cold water. Do not pull solidified product away from the skin.  
Seek immediate medical advice.

### After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor.

### After swallowing

No specific measures have to be taken if the product is swallowed. Get medical advice if necessary.

## 5. Measures for fire fighting

### Suitable extinguishing agents

Water haze, foam, carbon dioxide, chemical powder

### Unsuitable extinguishing agents

None

### Special hazards caused by the material, it's products of combustion or resulting gases

Water, CO<sub>2</sub> and when lacking oxygen CO.

### Protective equipment

Put on breathing apparatus

## 6. Accidental Release Measures

General: Sweep or gather up material and place in proper container for disposal or recovery.

## 7. Handling and storage

### Handling

No special requirements necessary, if handled at room temperature.  
Avoid spilling the product, as this might cause falls.  
Take precautionary measurements against static electricity.

### Storage

Protect from heat and direct sunlight.  
Store under dry conditions.  
The charges on the pedestals should be piled at two heights at the maximum.

## 8. Exposure controls and personal protection equipment

### Technical measures

Good general ventilation should be sufficient for the most machining processes. Local exhaust ventilation may be necessary for some operations.

### Personal protective equipment

General protective and hygienic measures: Do not eat or drink while processing. No smoking.  
Protection of hands: PVC gloves  
Eye protection: Safety glasses recommended during machining.  
Body protection: Normal overalls. Safety shoes.

## 9. Physical and chemical characteristics

<b>Form:</b>	Semi-finished material (solid)
<b>Colour:</b>	nature and grey
<b>Smell:</b>	none
<b>Melting range:</b>	160 – 170 °C
<b>Ignition temperature:</b>	> 400 °C
<b>Solubility in water:</b>	insoluble

## 10. Stability and reactivity

### Thermal decomposition/conditions to be avoided

The product is stable at normal handling- and storage conditions.

### Materials to be avoided

Strong oxidation agent.

### Dangerous reactions

No dangerous reactions known.

### Dangerous products of decomposition

No hazardous decomposition products known at room temperature.

# EEC - Safety Data Sheet



accordance to EEC guideline 91/155/EWG

Page 3 of 3

Revision: 2001/01

## 11. Specifications to the toxicology

### Primary irritant effect

on the skin: No irritant effect.

on the eye: No irritant effect.

Sensitization: No sensitizing effect known.

Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12. Ecological data

The product is not biologically decomposable.

Behaviour in environmental systems:

Floats on water. There is no important bioaccumulation.

General information:

The product is not toxic, small particles can have physical effects on water and soil organisms.

## 13. Notes to the disposal

By decision of the European Commission of 20.12.1993 in it's list of waste materials, the product is on the same level as municipal waste (Guideline EWG 75/442, later modified by EWG 91/156).

The material can be re-used or recycled according to the regulations of Guideline EG 94/62.

Disposal through controlled incineration or on authorised waste dump.

Disposal must be made according to official regulations.

## 14. Specifications to transport

Transport/Additional information:

The product is according to national and international guidelines, which regulate the road-, rail-, air- and seatransport, not dangerous.

## 15. Regulations

According to the text of the EEC directive 67/548 and following adaptations the product is not dangerous.

## 16. Other specifications

Further information about characteristics of the product can be inferred „from the brochure “the product range by GEHR”.

With the managing specifications, which correspond to the today's conditions of our knowledge and experiences, we want to describe our product regarding any safety requirements.

We connect with it however no characteristic warranties. Consisting laws and analyses are to be observed by the receiver of our product within own responsibility.