

EEC - Safety Data Sheet



accordance to EEC guideline 91/155/EWG

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Revision: 2001/01

1. Substance/preparation and company name

GEHR –PMMA–of semi-finished material, clear

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

Tel.: +49 621 8789 0
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2. Composition/information on ingredients

Methyl methacrylate Polymer

CAS No.: 25 852-37-3

3. Hazards identification

On the basis of information available to us, this product is not a hazardous substance in the sense of the law on chemicals or the regulations on hazardous substances in the version which is currently valid.

4. First aid measures

General information:

No particular measures required.

Instruction for the doctor:

None

5. Measures for fire fighting

Suitable extinguishing substances:

mist, quenching powder, quenching foam

Unsuitable extinguishing substances:

water, full jet

Particular danger caused by material, it's combustion products or gases produced:

none known

Special protective equipment:

Employ protective equipment commonly used in the event of fire.

6. Accidental Release Measures

Personal precautionary measures:

No particular protective equipment required.

Measures for environmental protection:

No particular measures required

Procedure for cleaning/absorption:

Absorb mechanically with suitable device and collect in a suitable container.

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7. Handling and storage

Handling

Directions on fire and explosion safety:

No particular measures required.

Storage

Requirements for storage rooms:

Protect from moisture.

Requirements for containers:

none

Directions on storing materials together:

No restrictions.

Further information on storage conditions:

none

8. Exposure controls/personal protection equipment

Additional directions on design of technical equipment:

No particular measures required.

Personal protective equipment

Measures for general protection and hygiene:

The usual precautionary measures for dealing with chemicals should be observed.

Respiratory protective equipment:

No particular protective equipment required.

Hand protection:

No particular protective equipment required.

Eye protection:

No particular protective equipment required.

Body protection:

No particular protective equipment required.

9. Physical and chemical characteristics

Form:	Semi-finished material (solid)
Colour:	clear
Smell:	none
Melting range:	approx. 120 °C
Ignition temperature:	approx. 425 °C
Density (20°C):	1,18 g/cm ³
Solubility in water:	insolubly

10. Stability and reactivity

Conditions to be avoided:

none known

Substances to be avoided:

none known

Dangerous products of decomposition:

Depolymerization begins at 250°C.

The following substance is formed: Methyl methacrylate.

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11. Specifications to the toxicology

No results of animal experiments with the product available.
Following years of experience, upon proper handling no detrimental effects have become known.
The product is a non-resorbable, physiologically inert substance.

12. Ecological data

Ecotoxicological tests with the product are not available.
The product is a solid, insoluble in water, chemically inert and virtually not biologically degradable.

13. Notes to the disposal

Disposal according to local authority regulations.

14. Specifications to transport

General: This product is not subject to transport Regulations.

15. Regulations

Labelling in accordance with EC directive:
On the basis of information available to us, this product is not a hazardous substance in the sense of the law on chemicals or the regulations on hazardous substances in the version which is currently valid.
National regulations:
observe national regulations.

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.