

EEC - Safety Data Sheet



accordance to EEC guideline 91/155/EWG

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1. Substance/preparation and company name

GEHR –POM –of semi-finished material, natural and black

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

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2. Composition/information on ingredients

Polyoxymethylene – copolymer,
with pigments and additives

3. Hazards identification

POM is not a dangerous material in the sense of the dangerous material regulation and/or pursuant to the EEC guideline in the present valid support.

4. First aid measures

Eyes: Remove contact lenses. Flush eyes well with copious quantities of water or normal saline for at least 15 minutes. Seek medical attention, if irritation persists.

Skin: Flush skin thoroughly with water. Seek medical attention if rash or burn occurs.

Inhalation: Exposure to fumes and vapours produced by heated or burned product: in case of severe exposure to fumes or vapours, move the affected person into fresh air and give Dexamethason - Aerosol. Get medical advice if the symptoms continue.

5. Measures for fire fighting

Suitable fire extinguishing agents:

Foam, fire-ex. powder, water spraying jet.

Unsuitable fire extinguishing agents:

None.

Fire Fighting: Approved pressure demand breathing apparatus and protective clothing should be used for all fires.

Hazardous Combustion Products: Hazardous combustion products may include intense heat, carbon monoxide (CO), carbon dioxide (CO₂), monomeres.

6. Accidental Release Measures

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

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7. Handling and storage

Handling: Follow good standard industrial hygiene practices. Apply adequate ventilation directly to the outside air.

Do not inhale headspace air from boxes. Avoid the formation of dust. When handling materials containing metal pigments gloves are recommended.

Storage: Inert material under normal storage conditions. No special precautions required. Keep dry for optimum processing/machining.

8. Exposure limitation and personal protection equipment

Engineering Controls: A continuous supply of fresh air to the workplace together with removal of processing/machining fumes through exhaust systems is recommended.

Personal protective equipment:

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:	natural and black
Smell:	none
Fusion range:	163 – 168 °C
Autoignition:	320 – 340 °C
Solubility in water:	insolubly

10. Stability and reactivity

Conditions to be avoided: Avoid temperatures over 240 °C.

Substances to be avoided: Avoid the contact with acids.

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11. Specifications to the toxicology

No data available, not insoluble in water.

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.

General: Not expected to present any significant ecological problems.

13. Notes to the disposal

Waste disposal:

Recycling: This product may be recycled either back into original parts or into suitable other applications.

Waste disposal: This product is not regarded as hazardous waste. Dispose in accordance with local regulations.

14. Specifications to transport

General: This product is not subject to transport Regulations.

15. Regulations

This product is not considered dangerous under EU Directives 67/548/EEC and 88/379/EEC, as amended.

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.