

Safety Data Sheet

(pursuant to the EC Regulation No. 1907/2006)

1. IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER

1.1. Product identification

- **Trade name:** EVA sheets (PRYX, DEUSITH, PLUMA, CONSTRUCTO, PRYX PRELIGHT)
- **Chemical name:** Ethylene-vinyl acetate copolymer + fillers + additives, foam and cross-linking. Different coloured solid-state microcellular foam.
- **Intended use:** Materials for orthopaedics, technical products, footwear.

1.2. Supplier identification:

- **Trade name:** Fritz Minke GmbH & Co. KG
- **Address:** Cecilienstr. 31
47051 Duisburg
Germany
www.minke.de
info@minke.de
Telephone.: +49 (0) 203 / 28101-0
Fax: +49 (0) 203 / 28101-70

+49 (0)228 - 19240 Giftzentrale Bonn (24 Std.) -
Institute of Toxicology Emergency Bonn (24 hrs.)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

- Not classified as being dangerous.
- Hazard pictograms: N/A
 - R-Phrases: N/A

2.2. Label elements

- Labelling:
- Pictograms: N/A
 - Risk-phrases: N/A
 - Safety phrases: N/A

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2.3. Other hazards

Physical/chemical hazards:

- In normal conditions the product is harmless for humans and the environment.
- Fire hazard in the presence of ignition sources or any organic product.

Toxicity:

- **Inhalation:** The fumes of the melted product or burning product might irritate the respiratory system and make breathing difficult.
- **Ingestion/aspiration:** It is not common.
- **Skin/eye contact:** At room temperature this product is a solid and there is no data available about its toxicity.
- **General toxicity:** At room temperature the product is not toxic.

3. COMPOSITION

3.1. General composition:

Ethylene-vinyl acetate copolymer with additives, cross-linked fillers and foam. Components:

General Composition	No. CAS
Ethylene copolymer/vinyl acetate	24937-78-8
EPDM	25038-36-2
Polyethylene	9002-88-4
Amorphous precipitated silica	7631-86-9
Calcium carbonate	471-34-1
Stearic acid	61790-37-2
Zinc oxide	1314-13-2

3.2. Hazardous components:

The components are not considered to be health hazards.

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4. FIRST AID

4.1 Description of first aid

- **Inhalation:** Not required in normal conditions.
- **Ingestion:** N/A.
- **Skin contact:** In general and in normal conditions the product does not cause any problems.
- **Eye contact:** This product is an inert solid. If it comes into contact with the eyes, remove it in the same way as with any other type of foreign body.

4.2 General measures

Medical assistance will be requested whenever it is necessary.

4.3 Notes for the doctor

No special related hazards.

5. FIRE FIGHTING MEASURES

5.1. Fire extinguishing media

- **Suitable extinguishing media:** Water mist, CO₂, aqueous film forming foam (AFFF), dry powder extinguisher.

5.2. Specific hazards associated with the substance or mixture

- **Flash point:** Irritating fumes might be produced.
- **Specific hazards:** The melted product produces irritating fumes and it might spread the fire.

5.3. Recommendations for the firefighters

- **Personal protective equipment:** Gloves, goggles and heat-resistant clothing. Self-contained breathing apparatus seeing as thick dense smoke is produced.
- **Other information:** Evacuate all the personnel who do not need to be in the area. Put out a minor fire with the dry powder extinguisher or the carbon dioxide, afterwards put water on it so that the fire does not start up again.

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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions

N/A.

6.2. Environmental precautions

Collect any excess material and store it in the appropriate containers so that it can be recycled or destroyed.

7. HANDLING AND STORAGE

7.1. Handling

- **General Precautions:** All the pneumatic conveying systems must be earthed, to avoid static electricity being generated due to friction.
- **Specific conditions:** There are no hazards associated with handling the material at room temperature. Efficient local exhaust ventilation system. Do not handle or store the product near heat or ignition sources.

7.2. Storage

- **Temperature and decomposition products:** N/A.
- **Hazardous reactions:** N/A.
- **Safe storage conditions:** Store at room temperature, protected from sunlight and in a well-ventilated area, to avoid the greenhouse effect.
- **Incompatible materials:** Oxidizing materials, chlorinated solvents, aromatic hydrocarbons.
- **Normal means of transportation:** Wooden pallets.
- **Appropriate wrapping materials:** Wood, plastic wrap and paper.

7.3. Fire and explosion protection

Avoid contact with ignition sources.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: N/A

8.2 General precautions: Correct ventilation of the premises and correct storage of the material.

8.3. Hygiene practices in the workplace: Adopt good hygiene practices; wash with soap and water, not solvent.

8.4. Personal protective equipment:

- **Respiratory protection:** Not required in normal storage conditions. If the product melts use a respiratory protection mask.
- **Eye protection:** When handling the product (sanding, cutting and milling) use the appropriate protection goggles so that particles do not get in your eyes.
- **Skin protection.** Not required in normal storage conditions. But wearing the appropriate work clothes and gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Solid.
- **Colour:** Available in a wide variety of colours.
- **pH:** N/A.
- **Odour:** N/A.
- **Flash point:** N/A.
- **Autoignition:** N/A.
- **Explosive properties:** N/A.
- **Oxidizing properties:** N/A.
- **Density:** 0.08 – 0.60 g/cm³
- **Solubility:** Halogenated organic aromatic solvents.

10. STABILITY AND REACTIVITY

- Chemically stable material at room temperature.
- Avoid direct contact with flames and very high temperatures.

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11. TOXICOLOGICAL INFORMATION

- **Inhalation:** The material is not toxic in normal conditions.
- **Skin contact:** It is not dangerous with normal use.
- **Eye contact:** Be careful with particles that could damage the ocular surface.

12. ECOLOGICAL INFORMATION

Use good work practices; avoid releasing the product into the atmosphere.

- **Persistence and degradability:** The material is not a biodegradable product.
- **Effect on the environment/ecotoxicity:** There is no data available on the ecotoxicological effects of the EVA material.

13. DISPOSAL CONSIDERATIONS

- **Disposal:** Always recycle the material whenever it is possible. In all cases, always dispose of the material pursuant to the existing corresponding European, national and local regulations that are in force.

14. TRANSPORT

- The material is not considered to be a hazardous substance.

15. REGULATORY INFORMATION

Specific safety, health and environmental regulations and legislation for the substance and mixture:

According to the data that we have, the material is not a hazardous substance, and pursuant to the EC directives, no specific classification or labelling is required for the product.

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16. OTHER INFORMATION

Regulations consulted

- EC Regulation No. 1907/2006.
- Dir. 67/548/EC on dangerous substances (including applicable amendments and adaptations).
- Dir. 1999/45/EC on dangerous preparations (including applicable amendments and adaptations). Regulation 1272/2008 (CLP).
- Dir. 91/689/EC on hazardous waste.
- Dir. 91/155/EC on safety data sheets.
- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).
- Regulation concerning the International Carriage of Dangerous Goods by Rail (RID).
- Regulations on the International Organization of Civil Aviation (ICAO) and those of the International Air Transport Association (IATA) concerning the safe transport of dangerous goods by air.
- International Maritime Dangerous Goods Code (IMDG).

Information about risk phrases: None

The information that is supplied in this document has been compiled in line with the best existing sources and pursuant to the latest knowledge available. It is up to the user to determine whether the information contained in this safety data sheet meets the requirements for another specific use other than what has been stated herein. This does not mean that the information is thorough and complete in all cases.