



PE foam (Polyethylene)

Material Safety data sheet | General terms

Trade names: Alveolit, Alveolen, Alveolux, Alveobloc, Alveosport, Alveosoft, Evalen, etc.
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Remarks:

According to Regulation (EC) No. 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) the companies of the Sekisui Alveo Group are producers of articles (REACH art. 3 No. 4). An Article is defined as an "object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition" (REACH art. 3 No. 3). For articles or substances in an article no Material Safety Data Sheets (MSDS) must be prepared (REACH art. 31).

1. Producer Data

Producer / Supplier:

Distributor and Converter: B6 Akustik A/S

Contact for any technical Information:

B6 Akustik A/S
Tranåsvej 5-7
9300 Sæby, Denmark

Phone: +45 9989 1050

E-mail: email@b6akustik.dk



2. Possible Hazards

Electrostatic discharging / Ignition spark

At foul weather, bad storage condition and fast separation (e.g. crawling, de-stacking) electrostatic charging and spontaneous discharging may be possible (ignition spark). Electric discharging during the manufacturing process shall be avoided by grounding or ionising installations in particular when combustible solvent vapour is present in the ambient air (risk of explosion).

3. Composition / Information on chemical Ingredients

Chemical Characterisation

Main ingredient: Polyethylene or polypropylene

Unhealthy Ingredients

To our current knowledge (date of update) or polyolefin foam products do not contain substances in a concentration above 0.1 w% (w/w) which meet the criteria of REACH Art. 57 (CMR, PBT/vPvB) or which are registered in the current candidates list of substances of very high concern (SVHC) of the European Chemicals Agency (ECHA).

Additional data

Additional information, data and confirmations you may obtain from your contact for technical information (addresses of our local agencies in No. 1)

4. Personal Protection

General Information

The polyolefin foams should not lead to damage caused to health when handled as recommended. At disturbance of health of any kind please contact a physician.

Personal Protection

Choose work centre specific protection (work gloves, dust masks, protective goggles, etc.) in order to minimize the risk of bodily harm and of disturbance of health (e.g. by dust exposure).

Work hygiene

Respect common work hygiene measures.



5. Security-relevant Physical and Chemical Properties

General

The polyolefin foams consist mainly of polyethylene or polypropylene and are therefore combustible.

Foam Products

| | |
|------------------------------|-------------|
| Physical appearance at 20 °C | Solid |
| Softening range | 70 - 130 °C |
| Ignition temperature | > 300 °C |

6. Fire-Fighting Measures

Suitable Extinguishing Media

All known extinguishing media can be used.

Unsuitable Extinguishing Media

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Special Exposure Hazards Arising from the Article Itself, its Combustion Products, or Resulting Gases

During combustion particular danger arises of burning drops. Harmful gases may be generated like carbon monoxide, carbon dioxide, nitrogen monoxide, nitrogen dioxide.

Special Protective Equipment of Fire-Fighters

Do not approach the hazard area without positive pressure self-contained breathing apparatus. Avoid skin contact with molten plastic by wearing protective clothing and by keeping a safety distance.

7. Handling and Storage

Handling

Wear appropriate work clothes and use applicable tools especially for internal transportation in order to minimize the risk of bodily harm.

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Fire Prevention

Apply common measures of fire prevention. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Storage Conditions

Store at a roofed place. Avoid direct solar irradiation. Long-term exposure to UV radiation may change physical properties of the polyolefin foam.

Chemical Substances to Avoid

The polyolefin foams may react slowly with organic solvents and strong oxidising agents which might lead to changes of physical properties.

Hazard Decomposition Products

No hazard decomposition products are known.



8. Disposal Considerations

Recommendation

The polyolefin foams can feed thermal recycling.

Possible Waste Codes According to European Waste Catalogue

| | |
|----------|---|
| 07 02 13 | Wastes from organic chemical processes: waste plastic |
| 12 01 05 | Wastes from shaping and physical and mechanical surface treatment of plastics: plastics shavings and turnings |
| 15 01 02 | Waste packaging: plastic packaging |
| 16 01 19 | Wastes not otherwise specified in the list: plastic |
| 17 02 03 | Construction and demolition wastes: plastic |
| 17 02 04 | Construction and demolition wastes: plastic containing or contaminated with dangerous substances |
| 20 01 39 | Municipal wastes: plastics |

Packaging

Packaging can feed material recycling.

9. Transport Information

Land, ADR/RID

No dangerous goods.

Sea, IMDG

No dangerous goods.

Air, ICAO-TI and IATA-DGR

No dangerous goods.

10. Regulatory Information

GHS, CLP Regulation (EC) No 1272/2008

The articles need no particular label.

11. Certifying Company

Sekisui Alveo AG (Switzerland)

12. Disclaimer

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