

SAFETY DATA SHEET

In accordance with 93/112/EEC

(All references to EU regulations and directives are abbreviated into only the numeric term)

Issued 2016-12-09

Version number 5



SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

TRADE NAME

PROTECTA BACKER ROD

Details of the supplier of the safety data sheet

Producer

Company

Polyseam Ltd

Shaw Park, Silver Street, Huddersfield, West Yorkshire

HD5 9AF

Telephone

01484 421036

E-mail

post.uk@polyseam.com

Website

<http://www.graft.co.uk/>

Emergency telephone number

Acute cases: Call 112, request poison information.

SECTION 2: Hazards identification

Low danger of inflammation. Given that it is an organic substance the material may burn only after heating to temperatures equal to or above its combustion point. Decomposition gases are formed (see Section 10: Stability and reactivity)

The foam may accumulate electrostatic charges which may produce electric shocks.

SECTION 3: Composition/information on ingredients

Chemical identity: Polyethylene foam

SECTION 4: First aid measures

- **Inhalation:** In the case of inhalation of smoke causing discomfort, remove the affected person to a place with fresh air. If necessary, seek medical attention.
- **Skin contact:** In the case of burns caused by contact with melted material, cool with water but do not try to remove said material. Seek medical attention.
- **Eye contact:** This product is an inert solid. If it enters the eyes, remove like any other foreign object.
- **Ingestion:** First aid measures are not normally required.

SECTION 5: Fire-fighting measures

- **Extinguishing media:** Sprinkle with water to cool surfaces exposed to fire and protect persons. Prevent the addition of fuel to the fire. Extinguish the fire with foam, extinguisher powder, CO₂ or sprayed water.
- **Protective equipment:** Protective breathing equipment and for the eyes is required for fire-fighters.
- **Hazardous combustion products:** Apart from smoke, in certain cases, carbon monoxide and hydrocarbons may be produced.

SECTION 6. Accidental release measures

- Not applicable

SECTION 7. Handling and storage

- **Handling:** Aspirate with sufficient intensity any inhalable dust that may be produced in the course of machining as the result of the dislodgement of shavings. Risk of electrostatic discharge, with proper earthing thus being required.
- **Storage:** In ventilated areas. Ambient temperature.

SECTION 8. Exposure controls/personal protection

- **Workplace exposure limits:** In general, this type of product is not subject to compulsory characterizations due to its potential hazards.
- **Personal protection:** Not determined.

SECTION 9. Physical and chemical properties

These values are for indication purposes only.

- **Appearance:** Flexible microcellular solid
- **Colour:** Grey and others
- **Odour:** Odourless
- **pH:** Not applicable
- **Boiling point/interval:** Not applicable
- **Melting point/interval:** >110 °C
- **Flash point:** 360 °C
- **Autoinflammability:** No
- **Danger of explosion:** No
- **Comburent properties:** No
- **Vapour pressure:** Not applicable
- **Bulk density:** 23 +/- 5 kg/m³
- **Soluble in water:** No
- **N-octanol/water partition coefficient:** Not determined
- **Viscosity:** No
- **Hygroscopic substance:** No

SECTION 10. Stability and reactivity

- **Stability:** Stable under normal conditions.
- **Conditions to avoid:** Temperatures above 250 °C may cause decomposition of the material. Contact with sources of ignition and/or heat may cause explosions.
- **Hazardous decomposition products:** Trace hydrocarbons (gas).

SECTION 11. Toxicological information

- **Water:**
- **Inhalation:** Gases forming at high temperatures may be irritating to the eyes and respiratory tract.
- **Skin contact:** Exposure to hot material may cause burns.
- **Eye contact:** Mechanical irritation
- **Oral:** LD 50 > 2000 mg/kg rat

SECTION 12. Ecological information

- The product is recyclable, biologically non-degradable, degrades slowly by UV action and contains no lead, mercury, cadmium or chrome in its composition.
- **Aquatic toxicity:** Insoluble non-toxic material (no aquatic hazard).

SECTION 13. Disposal considerations

The proper means of disposal of this product are: incineration in appropriate systems with energy recovery, elimination in landfill facilities or recycling methods.

SECTION 14. Transport information

- This material must be transported in UNSEALED vehicles to allow for ventilation.
- This is not a hazardous good in accordance with current provisions on the handling of hazardous materials.

SECTION 15. Regulatory information

According to EEC Directives, this product does not require specific classification or labelling.

SECTION 16. Other information

This information is based on our experience and depends upon the maturation times indicated in the product specification sheet being respected.

These recommendations are made without warranty since their conditions of application are beyond our control.

Version history

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