

SAFETY DATA SHEET

POLYETHYLENE FOAM

1. IDENTIFICATION OF THE PRODUCT AND THE FIRM

PRODUCT NAME	POLYETHYLENE FOAM Non-cross linked, closed celled Polyethylene foam
INTENDED USE	Packaging
SUPPLIER	PROXITAL S.p.A. Via Magnadola, 73 31045 MOTTA DI LIVENZA (TV) ITALY Tel. +39 0422 765642 Fax. +39 0422 768090 www.proxital.it

2. COMPOSITION/ INFORMATION ON THE INGREDIENTS

NAME	Polyethylene
CAS NUMBER	CAS 026221-738

3. HAZARDS IDENTIFICATION

With proper use of the product, no harmful effects are known.

This product is not dangerous according to directive 88/379 CEE, 67/548 CEE and subsequent update.

The product can contain traces of flammable gas and must be stored in properly ventilated area. As for all foams, proper ventilation during transport and/ or transformation is essential.

Possible formation of electrostatic charges

The material in the form of fine particles can cause eye irritation

The molten product adheres to the skin and cause burns

4. FIRST AID MEASURES

GENERAL INFORMATION	The measures below refer to critical situations (fire, incorrect process conditions) At room temperature, for the uses provided, the product is not irritating and does not release hazardous fumes
INHALATION:	In case of smoke inhalation, bringing the subject in a well ventilated area. Call a doctor
CONTACT WITH THE SKIN:	In case of contact with molten product cool quickly with cold water. Cover the wound with a sterile cloth Move the person to hospital and emergency care for their medical care.
CONTACT WITH THE EYES:	This product is a solid inert If entering into the eyes removed in the same way as

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other foreign matter
If you are unable to remove the product lead the person to first aid
Not applicable. If necessary call a doctor.

INGESTION:

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

water;
carbon dioxide;
powder;
synthetic extinguishers.

UNSUITABLE EXTINGUISHING MEDIA:

not applicable.

SPECIAL HAZARDS:

Combustion fumes are hydrocarbons
In case of shortage of oxygen can produce carbon monoxide

PROTECTIVE EQUIPMENT:

respiratory protection

6. ACCIDENTAL RELEASE MEASURES

CLEANING METHODS:

Clean-up, remove.

ENVIRONMENTAL PRECAUTIONS:

Keep out of reach of sewers, water drainage and surface water

PERSONAL PRECAUTIONS:

Not applicable.

7. HANDLING AND STORAGE

HANDLING

No special measures required if the manipulation is done at room temperature.

Keep away from open flames, sources of heat or ignition sources.

Use appropriate measures to earth to avoid the risk of accumulation that may cause sparks (ignition source).

You must install a ventilation system in rooms where it is undertaken a process of fusion of the material.

STORAGE:

The material must be stored in aerated areas.

Protect the material from direct sunlight as this could accelerate the deterioration and reduce the quality of the material.

For working properly, keep the material dry.

Storage temperature: room temperature

Transport temperature: room temperature

Storage and Transport pressure: air pressure

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE CONTROLS:	not applicable
PERSONAL PROTECTION:	
- Respiration	none
- Hands	none
- Eyes	none
- Skin	none

During the processing of this material is necessary to ensure adequate ventilation

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	film in rolls, sheets, envelopes and profiles of various sizes and shapes
ODOUR	Odourless
COLOUR	White (without additives). Other colour as requested.
DENSITY	20-50 Kg/m ³ as ordered.
VISCOSITY	Not applicable
BOILING POINT/RANGE	Not applicable
MEETING POINT/RANGE	100-140°C
DECOMPOSITION	>300°C
FLAMMABILITY POINT	>350°C
AUTO- IGNITION TEMPERATURE	>350°C
EXPLOSION LIMITS	Not applicable
RELATIVE VAPOUR DENSITY (water=1)	0,90- 0,98
VAPOUR PRESSURE	Not applicable
SOLUBILITY IN WATER	Insolubile
SOLUBILITY IN ORGANICAL SOLVENTS	Insolubile
PH VALUE	Not applicable
OXIDIZING PROPERTIES	None
PARTITION COEFFICIENT	Not applicable

10. STABILITY AND REACTIVITY

CONDITION TO AVOID:	See 7. Handling and storage.
PRODUCTS TO AVOID:	None.
DECOMPOSITION OF PRODUCTS:	From the moment of combustion, the product produces a high calorific value. Combustion fumes are hydrocarbons. In case of shortage of oxygen can produce carbon monoxide.

11. TOXICOLOGICAL INFORMATION

With proper use of the product according to the valid instructions, no innocuous effects to the human health are currently known.

ACUTE TOXICITY

- Oral	Not applicable
- Dermal	Not applicable
- Inhalation	Not applicable

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Fumes that are generated at high temperatures may irritate the eyes and the respiratory.

Dust may be irritating to eyes and respiratory

12. ECOLOGICAL INFORMATION

The product has no influence on the quality of the groundwater.
The product is biodegradable when exposed to sunlight.

13. DISPOSAL CONSIDERATIONS

Removal of waste materials conform to the local and national regulations.

The material can be recycled

14. TRANSPORT INFORMATION

The product is not classified as a dangerous product with reference to the regulations of transport.

ADR/RID	Not restricted
IMCO	Not restricted
ICAO/IATA	Not restricted
ADNR	Not restricted

15. REGULATORY INFORMATION

The product is not subject to the regulation 67/548/CEE, nor to the regulations of the concerned countries.

16. OTHER INFORMATION

The information and data given in this Safety Data Sheet are correct as far as known to us on the data of publication. This information is a guide for the manipulation, the use, the storage, the transport, the elimination and the dispersion of the product without risk. This information and data can not be used as a guarantee, nor as prove of quality, because the conditions in which the mentioned actions take place do not fall under our supervision. The given information concerns only the above mentioned product and does not need to be valid if used with other product(s) or in any other process than mentioned in this document. Proxital S.p.A. accepts no responsibility or liability for any loss or damage resulting from the use of this information or data.