EUROBATEX® HF

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **EUROBATEX® HF**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Insulation and protection for pipes.

1.3 Details of the supplier of the safety data sheet

Union Foam S.p.A.
Via dell'Industria 11, 20882 Bellusco (MB) Italia
Tel: 0039 039 620891
Fax: 0039 039 6840849
www.unionfoam.it
commerciale@unionfoam.it

1.4 Emergency telephone number

Tel: 0039 039 620891
commerciale@unionfoam.it

Section Hazards identification

2.1 Classification of substance or mixture

The product, as identified in section 1.1, is considered an article according to Regulations REACH EC/1907/2006 and EC/2001/60; does not contain substances included in the Candidate List SVHC in quantities > 0,1% (w/w). Under the Regulation EC/1907/2006 is therefore not mandatory to issue a complete Material Safety Data Sheet.

Hazards to human health and environmental effect

None

2.2 Label elements

Hazard pictogram(s)
None
Signal word
None
Hazard statement(s)
None
Precautionary statement(s)
None

2.3 Other hazards

vPvB substance: none - PBT substance: none

Section 3 Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixture/Article

Flexible elastomeric foam based article, preformed in sheet or tubular section.

Section 4 First aid measures

4.1 General notes

The product is essentially not irritating.

4.2 Following inhalation

Not applicable during the normal processing of the product. Regard information of the products of combustion, see Section 5.

4.3 Following skin contact

No special measures are necessary.

4.4 Following eye contact

Rinse immediatly with plenty of water. If any irritation occurs, seek medical advice.

4.5 Following ingestion

Do not ingest

Section 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, water spray, carbon dioxide and foam extinguisher.

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

In event of fire/combustion the following can be released: carbon monoxide, carbon dioxide, traces of sulphur dioxide and/or hydrogen sulphate and hydrogen cyanide.

5.3 Advice for firefighters

Use suitable breathing apparatus.
Collect the residues of the extinguished media used for the extinction of the fire separately, do not discharge it in the sewerage system.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures are required.

See also Section 8.2 Personal Protective Equipment.

Move people to a safe place.

6.2 Environmental precautions

No special measures are required.

See also Section 12 and 13.

6.3 Methods and materials for containment and cleaning up

The product is dust free, dry solid and may be picked up by hand (if equipped of personal protection as indicated in Section 8.3) or mechanically and disposed as detailed in Section13.

6.4 Reference to other sections

Sections 8 and 13.

Section 7 Handling and storage

7.1 Precautions for safe handling

No special measures are necessary during the normal processing of the product.

Not to eat, drink and smoke in the work areas.

To wash hands after use.

To remove conatminated clothing and protective equipment before entering eating areas

7.2 Conditions for safe storage, includingany incompatibilities

Keep the product inside the original packaging in a cool and dry place, at a temperature between 5 °C and 35 °C and at a relative humidity less than 80%.

Keep away from strong acid or alkali and strong oxidising agents.

Section 8 Exposure controls/personal protection

8.1 Control parameter

None

8.2 Exposure controls

Personal Protective Equipment.

Eye/face protection

Not necessary during the standard processing of the product.

Skin protection

Usage of full protection suit is advised but not essential.

Hand protection

Usage of gloves are advised but not essential.

Respiratory protection

Not necessary during the standard processing of the product.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance, colour:	Black solid

Odour:	Characteristic of rubber
pH:	Not applicable
Melting point/freezing:	Not applicable
Operating temperature:	-45 °C + 130 °C
Thermal decomposition:	> 200 °C
Flash Point (°C):	Not applicable
Explosive limits:	Not explosive
Relative density:	40 to 70 Kg/m^3
Solubility in water:	Insoluble
Solvent:	Could swell upon prolonged contact with aromatic hydrocarbon solvent

Section 10 Stability and reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reaction

A reaction can occour in case of contact with strong mineral acids, strong alkalis, strong oxidant and aromatic solvents.

10.4 Conditions to avoid

Below -45 °C the expanded rubber will become rigid, it will still function as a closed cell insulation material down to -180 °C although the CNX adhesive normally used to seal joints and seams is not suitable below -45 °C. Rapid thermal cycling between -45 °C or lower and ambiet temperature may cause cell rupture. The product is not suitable for use below -180 °C and in contact with liquid oxygen.

10.5 Incompatible materials

Strong mineral acids, strong alkalis, strong oxidant, aromatic solvent.

10.6 Hazardous decomposition products

See Section 5.2 for listing.

Section 11 Toxicological information

11.1 Information on toxicological effects

The relevant hazard classes listed below, are to be intended as not available if not different specified.

a) acute toxicity

b) skin corrosion/irritation

c) serious eye damage/irritation

d) respiratory or skin sensitisation

e) germ cell mutagenicity

f) carcinogenicity

g) reproductive toxicity

h) STOT - single exposure

i) STOT - repeated exposure

j) aspiration hazard

Section 12 Ecological information

12.1 Toxicity

The product it is not toxic, anyway avoid to release the product into the environment as a waste. For information regard disposal see Section 13.

12.2 Persistence and degradability

The product is water-insoluble.If left unprotected outdoors it will start to degrade after several years due to the combined effect of ozone and U.V. radiation. If buried in soil it will start do degrade within 6 to 12 months; these will break down the product and reduce its bulk. It is likely that the product would break down completely over time, but no tests have been conducted to determine a duration.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBTand vPvB assessment

No PBT and vPvB substance.

Section 13 Disposal considerations

13.1 Waste treatment methods

Dispose of the product according to local waste disposal regulation.

Waste type:	Construction and demolition
Waste description:	Insulation material
Waste code:	07 02 99 limited to rubber foam and synthetic fibres solid waste
Disposal operation:	As municipal waste
Recovery operations:	R13 recycling/reclamation of organic substances on which are not used solvents

Section 14 Transport information

14.1 UN number

Not classified as dangerous under the transport regulations.

14.2 UN proper shipping name

Not classified as dangerous under the transport regulations.

14.3 Transport hazard class(es)

Not classified as dangerous under the transport regulations.

14.4 Packing group

Not classified as dangerous under the transport regulations.

14.5 Environmental hazards

Not classified as dangerous under the transport regulations.

14.6 Special precautions for user

Not classified as dangerous under the transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and IBC Code

Not classified as dangerous under the transport regulations.

Section 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) N° 1907/2006 (REACH).

Directive (EC) N° 1999/13 (VOC-guideline).

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out by the producer for the article as identified in Section1.

Section 16 Other information

The information given in this Informative Data Sheet is based upon our experience and is correct to the best of our knowledge at athe date of publication. It should not however be construed as guaranteeing specific properties of the product as described or its suitability for a particular application.