

## Safety data sheet

### according to 1907/2006/EC, Article 31

Revision: 11.03.2019

Version number 1

Date of the first version: 11.03.2019

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

- **1.1 Product identifier**
- **Trade name:** EUROTHERM EPS F-GI
- **Article number:** 1.002.122
- **CAS Number:**  
9003-53-6
- **NLP Number:**  
500-008-9
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stages**  
PW Widespread use by professional workers  
C Consumer use
- **Sector of Use**  
SU21 Consumer uses: Private households / general public / consumers  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
SU19 Building and construction work
- **Product category** PC0 Other
- **Process category** PROC0 Other
- **Environmental release category** ERC10a Widespread use of articles with low release (outdoor)
- **Application of the substance / the mixture** Thermal insulating boards
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
JUB d.o.o.  
Dol pri Ljubljani 28  
1262 DOL PRI LJUBLJANI  
SLOVENIA  
T: + 386 1 5884 183  
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E: info@jub.si
- **Further information obtainable from:**  
Laura Učakar  
T: +386 1 5884 185  
F: +386 1 5884 227  
E: laura.ucakar@jub.eu
- **1.4 Emergency telephone number:**  
UK Emergency number: 999  
Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

#### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**  
In accordance with Regulations on the classification of chemicals, the product is not classified as a hazardous compound since the content of potentially hazardous components is significantly lower than the classification criteria.
- **Classification according to Regulation (EC) No 1272/2008**  
The substance is not classified, according to the CLP regulation.  
The substance is not classified as hazardous to health or environment, according to the CLP regulation.

(Contd. on page 2)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Revision: 11.03.2019

Version number 1

Date of the first version: 11.03.2019

Trade name: **EUROTHERM EPS F-G1**

(Contd. of page 1)





The substance is not classified, according to the CLP regulation.

- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- 2.3 Other hazards
- Results of PBT and vPvB assessment Not applicable.
- PBT: Not applicable.
- vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

- 3.1 Chemical characterisation: Substances
- CAS No. Description
- 9003-53-6 Styrene, oligomers
- Identification number(s)
- NLP Number: 500-008-9

#### · Dangerous components:

CAS: 109-66-0	pentane	 Flam. Liq. 2, H225	≤1%
EINECS: 203-692-4		 Asp. Tox. 1, H304	
		 Aquatic Chronic 2, H411	
		 STOT SE 3, H336	

### SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

### SECTION 5: Firefighting measures

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment: No special measures required.

### SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Wear protective clothing.
- 6.2 Environmental precautions:
  - Do not allow product to reach sewage system or any water course.
  - Inform respective authorities in case of seepage into water course or sewage system.
  - Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation.

(Contd. on page 3)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Revision: 11.03.2019

Version number 1

Date of the first version: 11.03.2019

Trade name: **EUROTHERM EPS F-G1**

(Contd. of page 2)

### · 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

### · 7.1 Precautions for safe handling

No special measures required.

Ensure good ventilation/exhaustion at the workplace.

### · Information about fire - and explosion protection: No special measures required.

### · 7.2 Conditions for safe storage, including any incompatibilities

#### · Storage:

· **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.

#### · Information about storage in one common storage facility:

Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.

· **Further information about storage conditions:** Keep container tightly sealed.

### · 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

### · 8.1 Control parameters

#### · Ingredients with limit values that require monitoring at the workplace:

CAS: 109-66-0 pentane

WEL Long-term value: 1800 mg/m<sup>3</sup>, 600 ppm

· **Additional information:** The lists valid during the making were used as basis.

### · 8.2 Exposure controls

#### · Personal protective equipment:

· **General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed.

#### · Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### · Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

#### · Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### · Eye protection:

Safety glasses

Not required.

#### · Risk management measures

- Protective gloves that meet the criteria of BS EN 374.

- Protective goggles must comply with standard BS EN 166.

(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Revision: 11.03.2019

Version number 1

Date of the first version: 11.03.2019

Trade name: **EUROTHERM EPS F-G1**

(Contd. of page 3)

- Protective mask respirator for fine dust particles and vapors should be in accordance with BS EN 149 (dust particle filters)

## SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

Form:	Solid
Colour:	Grey
Odour:	Characteristic
Odour threshold:	Not determined.

· pH-value: Not applicable.

#### · Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

· Flash point: Not applicable.

· Flammability (solid, gas): Product is not flammable.

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Not determined.

· Explosive properties: Product does not present an explosion hazard.

#### · Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapour pressure: Not applicable.

Density:	Not determined.
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.

· Partition coefficient: n-octanol/water: Not determined.

#### · Viscosity:

Dynamic:	Not applicable.
Kinematic:	Not applicable.

· Solvent content: 0.0 g/l

· Organic solvents: <1.0 %

· VOC (EC) 0.00 %

· 9.2 Other information No further relevant information available.

## SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions No dangerous reactions known.

· 10.4 Conditions to avoid No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

(Contd. on page 5)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Revision: 11.03.2019

Version number 1

Date of the first version: 11.03.2019

Trade name: **EUROTHERM EPS F-G1**

(Contd. of page 4)

- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Hand over to hazardous waste disposers.
  - **European waste catalogue**
- |          |  |
|----------|--|
| 17 06 04 | insulation materials other than those mentioned in 17 06 01 and 17 06 03 |
| 15 01 02 | plastic packaging  |
- **Uncleaned packaging:**
  - **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

### SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA**

Void

(Contd. on page 6)

GB

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Revision: 11.03.2019

Version number 1

Date of the first version: 11.03.2019

Trade name: **EUROTHERM EPS F-G1**

(Contd. of page 5)

· <b>14.2 UN proper shipping name</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b>	Not applicable.
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

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

Following regulation was considered in the preparation of document:

Legislation on the occupational health and safety, the chemical legislation and regulations on biocidal products, regulations on classification, packaging and labeling of chemical and biocidal products and requirements on safety data sheets for chemicals and biocidal products composition, as well as regulations on the management of packaging and packaging waste and waste.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** Substance is not listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· **Recommended restriction of use**

Claims contained in this document are based on our actual knowledge at the time of revision of this document. They do not undertake the properties of the product described in terms of the legal provisions for the pledge.

Placing this document as available does not unbind the product customer from its responsibility to comply with all relevant laws and regulations applicable for this product. This is especially valid in the case of product resale or resale of its mixtures or manufactured products from other areas of law and industrial property rights of third parties. If the product described above is changed by crafting or mixing with other materials, it is not possible to transfer claims from this document onto a newly made product, unless otherwise specified. In the case of product re-packaging the customer must attach the required relevant safety information as well.

· **Department issuing SDS:**

JUB d.o.o.

Product safety department

· **Contact:**

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(Contd. on page 7)

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

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**Trade name: EUROTHERM EPS F-G1**

(Contd. of page 6)

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· **\* Data compared to the previous version altered.**

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