

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH



Section 01 Identification of the Article and of the Company / Undertaking

1.1 Product identifier

Trade Name: ISOPIPE HT-HF SOLAR, ISOROLLS HT-HF SOLAR, ISOSHEETS HT-HF SOLAR

1.2 Relevant identified uses of the article/mixture and uses advised against

Identified Uses: Industrial, Professional, Consumer

Closed - cell EPDM based flexible synthetic rubber foam coated with external polymer protection layer.

Uses Advised Against All

Uses not indicated in the identified uses.

1.3 Details of the manufacturer

Company: ISOPIPE S.A.

Head Office

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City: Metamorfofi

Province: 14452 Attica - Greece

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Fax: +30 210 28 19 210

E-mail: info@isopipe.gr

Website: www.isopipe.eu

Plant

Address: 73 Km Nat.Rd.Athens-Lamia

City: Ritsona

Province: 14452 Halkida - Greece

Telephone: +30 22620 71 867

Fax: +30 22620 72 006

E-mail: info@isopipe.gr

Website: www.isopipe.eu

Competent person responsible for the information sheet:

quality@isopipe.gr

1.4 Emergency telephone number

For urgent inquiries refer to:

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(FR): +33 (0) 145425959

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(PT): +351 800250250

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(DK): +45 82121212

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(DE): 112

(IS): +354 5432222, 112

(LU): +352 80025500

(NL): +31 (0) 887558000

(CZ): +420 224919293

(SI): 112

(BG): +359 29154233

(ES): +34915620420

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(EL): +30 2107793777

(LV): +371 67042473, 112

(MT): 2545 0000

(PL): 112

(RO): +40 212308000

(SE): 112

Section 02 Hazards Identification

2.1 Classification of the article/ mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements)

2.2 Label elements

Free of labeling as it does not present a hazard to human health by inhalation, ingestion or contact with skin or to the aquatic environment in the form in which they are placed on the market, in accordance with Regulation (EC) 1272/2008- Annex I - 1.3.4.

2.3 Other hazards

Based on available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%

Section 03 Composition/ Information on Ingredients

3.1 Substances

Non Available.

3.2 Article/Mixtures

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and supplements) in such quantities as to require the statement.

Section 04 First Aid Measures

4.1 Description of first aid measures

Not specifically necessary. Observance of good industrial hygiene is recommended.

4.2 Most important symptoms and effects, both acute and delayed.

Specific information on symptoms and effects caused by the product are unknown.

4.3 Indication of any immediate medical attention and special treatment needed

Information not available

Section 05 Fire-Fighting Measures

5.1 Extinguishing media

Suitable Extinguishing Equipment: The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

Unsuitable Extinguishing Equipment: None

5.2 Special hazards arising from the substance or mixture

Hazards caused by exposure in the Event of Fire: Do not breathe combustion products.

5.3 Advice for fire-fighters

General Information: Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Special Protective Equipment For Fire-Fighters: Normal firefighting clothing.

Section 06 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.

6.2 Environmental precautions

The product must not penetrate the sewer system or come into contact with surface water or ground water.

6.3 Methods and material for containment and cleaning up

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in Section 13.

6.4 Reference to other sections

Any information on personal protection and disposal is given in Sections 08 and 13.

Section 07 Handling and Storage

7.1 Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

7.3 Specific end use(s)

Information not available

Section 08 Exposure Controls/ Personal Protection

8.1 Control parameters

Information not available

8.2 Exposure controls

Comply with the safety measures usually applied when handling chemical substances.

Hand Protection	None required
Skin Protection	None required
Eye Protection	None required
Respiratory Protection	None required, unless indicated otherwise in the chemical risk assessment
Environmental Exposure Controls	The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards

Section 09 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Properties Value Information

Appearance	Solid
Colour	Black
Odour	Characteristic
Melting Point/ Freezing Point	Not available Reason for missing data: not relevant for the characterization of the product
Initial Boiling Point	Not available Reason for missing data: not relevant for the characterization of the product
Flammability	Not flammable
Lower Explosive Limit	Not applicable Reason for missing data: The substance/ mixture is a solid
Upper Explosive Limit	Not applicable Reason for missing data: The substance/ mixture is a solid
Flash Point	Not applicable Reason for missing data: The substance/ mixture is a solid
Auto-Ignition Temperature	Not applicable Reason for missing data: The substance/ mixture is a solid
Decomposition Temperature >200°C Ph	Not available Reason for missing data: substance/mixture is non-soluble (in water)
Kinematic Viscosity	Not applicable Reason for missing data: The substance/ mixture is a solid Solubility insoluble in water Partition coefficient: n-octanol/water: not applicable Reason for missing data: substance/mixture is non-soluble (in water)
Vapour Pressure	Not available Reason for missing data: not relevant for the characterization of the product
Density and/or Relative Density	40-75kg/m ³
Relative Vapour Density	Not applicable Reason for missing data: The substance/ mixture is a solid
Particle Characteristics	Not available Reason for missing data: not relevant for the characterization of the product

9.2 Other information

Comply with the safety measures usually applied when handling chemical substances.

Information Regarding Physical Hazard Classes	Information not available
Other Safety Characteristics	Information not available

Section 10 Stability and Reactivity

10.1 Reactivity

There are no risks of reaction with other substances in normal conditions of use.

10.2 Chemical stability

The product is stable in normal conditions of use and storage.

10.3 Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4 Conditions to avoid

None. However, the usual precautions used for chemical products should be respected.

10.5 Incompatible materials

Avoid contact with strong oxidants, halogens and halogenated substances.

10.6 Hazardous decomposition products

Gases hazardous to health may develop in the event of thermal decomposition.

Section 11 Toxicological Information

According to currently available data, this product has not yet produced health damage. Anyway, it must be handled according to good industrial practices.

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information	Information not available
Information on likely routes of exposure	Information not available
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Information not available
Interactive effects	Information not available
Acute Toxicity	
ATE (Inhalation) of the mixture	Not classified (no significant component)
ATE (Oral) of the mixture	Not classified (no significant component)
ATE (Dermal) of the mixture	Not classified (no significant component)
Skin Corrosion/ Irritation	Does not meet the classification criteria for this hazard class.
Serious Eye Damage/ Irritation	Does not meet the classification criteria for this hazard class.
Respiratory or Skin Sensitisation	Does not meet the classification criteria for this hazard class.
Germ Cell Mutagenicity	Does not meet the classification criteria for this hazard class.
Carcinogenicity	Does not meet the classification criteria for this hazard class.
Reproductive Toxicity	Does not meet the classification criteria for this hazard class.
Stot - Single Exposure	Does not meet the classification criteria for this hazard class.
Stot - Repeated Exposure	Does not meet the classification criteria for this hazard class.
Aspiration Hazard	Does not meet the classification criteria for this hazard class.

11.2 Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation

Section 12 Ecological Information

Use this product according to good working practices.

Avoid littering.

Inform the competent authorities should the product reach waterways or contaminate soil or vegetation.

12.1 Toxicity

Information not available

12.2 Persistence and degradability

Information not available

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB assessment

Based on available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6 Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation

12.7 Other adverse effects

Information not available

Section 13 Disposal Considerations

13.1 Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.

Solid residues may be suitable for disposal in an authorized landfill site.

Contaminated Packaging: Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Section 14 Transport Information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing Group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special Precautions for User

Not applicable

14.7 Maritime transport in bulk according to IMO instruments Information

Not relevant

Section 15 Regulatory Information

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

Seveso Category - Directive 2012/18/EU	None
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006	None
Substances subject to authorization (Annex XIV REACH)	None
Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012	None
Substances subject to the Rotterdam Convention	None
Substances subject to the Stockholm Convention	None
Healthcare controls	Information not available

15.2 Chemical Safety Assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in Section 03.

Section 16 Regulatory Information

16.1 Legend

ADR: European Agreement concerning the carriage of Dangerous goods by Road	LD50: Lethal dose 50%
ATE: Acute Toxicity Estimate- CAS: Chemical Abstract Service Number	OEL: Occupational Exposure Level
CE50: Effective concentration (required to induce a 50% effect)	PBT: Persistent bioaccumulative and toxic as REACH Regulation
CE: Identifier in ESIS (European archive of existing substances)	PEC: Predicted environmental Concentration
CLP: Regulation (EC) 1272/2008	PEL: Predicted exposure level
DNEL: Derived No Effect Level	PNEC: Predicted no effect concentration
EmS: Emergency Schedule	REACH: Regulation (EC) 1907/2006
GHS: Globally Harmonized System of classification and labeling of chemicals	RID: Regulation concerning the international transport of dangerous goods by train
IATA DGR: International Air Transport Association Dangerous Goods Regulation	TLV: Threshold Limit Value
IC50: Immobilization Concentration 50%	TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
IMDG: International Maritime Code for dangerous goods	TWA: Time-weighted average exposure limit
IMO: International Maritime Organization	TWA STEL: Short-term exposure limit
INDEX: Identifier in Annex VI of CLP	VOC: Volatile organic Compounds
LC50: Lethal Concentration 50%	vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
	WGK: Water hazard classes (German).

16.2 General Bibliography

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)

The information contained in this Safety Data Sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this Safety Data Sheet only refers to this product, which should not be used for needs other than those specified.