

Safety data sheet

D.t.2019 Rev 001
This document contains 10 pages

ISOBELL®

UNI EN 13984:2013

Flexible membrane for waterproofing VAPOR PERMEABLE TYPE B - AVCP 3

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Code: 007
Name: ISOBELL

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

Relevant uses: White color thermal insulator panel is the flexible solution for the renovation of deteriorated walls and facades.

1.3 Details of the supplier of the safety data sheet

Company Name	Manifattura del Seveso S.p.a.
Address	Via Vespucci, 20
Country	24046 OSIO SOTTO (BG) Italia
Contact	Tel. 035/4824063 fax. 035/881919
E-mail:	lori@manifatturadelseveso.it

SECTION 2 HAZARDS IDENTIFICATION

The product covered in the following sheet is an article. Pursuant to Reg. 1907/2006, the article as such does not require a safety data sheet as per article 31. The following document is however made with a structure that complies with the provisions of Regulation 830/2015.

2.1 Classification of the substance or mixture

The product in question is an article, as such, is not classified according to Reg. 1272/2008 (CLP).

2.2 Label elements

The product in question is an article, as such, is not classified according to Reg. 1272/2008 (CLP).

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2.3 Other hazards

Based on the available data, the product does not contain PBT or vPvB substances in a percentage higher than 0.1%.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

The product is made up of the following raw materials::

Substance	Concentration [w/w]	classification	Index	CAS	EINECS	REACH
Isobutane	< 5%	Flam. Gas 1A, H220; Comp. Gas, H280	ND	75-28-5	200-857-2	01-2119485 395-27
1,2-benzisotiazol-3(2H)-one	< 0,05%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411	613-088-00-6	2634-33-5	220-120-9	01-2120761 540-60
Mixture of 5-cloro-2-metil-2H-isotiazol-3-one [EC no. 247-500-7]; 2-metil-2H-isotiazol-3-one [EC no. 220-239-6] (3:1)	< 0,0015%	Acute Tox. 3, H301; Acute Tox. 3, H311; Skin Corr. 1B, H314; Skin Sens. 1, H317; Acute Tox. 2, H330; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	613-167-00-5	55965-84-9	611-341-5	NR
Polyethylene Terephthalate (Polyester fibres)	> 98%			25038-59-9		

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SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures.

There are no known episodes of damage to personnel assigned to use the product. In case of need, the following general measures are adopted:

In case of inhalation of any dust emitted by a mechanical handling process of the product: Take the subject to fresh air. If breathing becomes difficult, consult a doctor.

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

There are no known episodes of damage to health attributable to the product.

4.3 Indication of any immediate medical attention and special treatment needed

Consult a doctor. Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media

SUITABLE EXTINGUISHING MEDIA

The extinguishing media are the traditional ones: carbon dioxide, foam, powder.

UNSUITABLE EXTINGUISHING MEDIA

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No one in particular.

5.2 Special hazards arising from the substance or mixture

DANGERS DUE TO EXPOSURE IN THE EVENT OF A FIRE

Avoid breathing combustion products, COx may form.

5.3 Advice for firefighters

GENERAL INFORMATION

Cool the containers with jets of water to avoid product decomposition and the development of substances potentially hazardous to health. Always wear complete fire protection equipment. Collect the extinguishing water that must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.

EQUIPMENT

Normal fire fighting clothing, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and boots for the Firefighters (HO A29 or A30).

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid the formation of dust by spraying the product with water if there are no contraindications.

Avoid inhalation of any dust produced by cutting operations or other mechanical processing of the product.

6.2 Environmental precautions

Prevent the product from being released into the environment.

6.3 Methods and material for containment and cleaning up

Collect the spilled product and place it in containers for recovery or disposal. Remove the residue with jets of water if there are no contraindications. Provide sufficient ventilation of the place affected by the leak. Assess the compatibility of the container to be used with the product, checking section 10. Contaminated material must be disposed of in compliance with the provisions of point 13.

6.4 Reference to other sections

See sections 8 and 13.

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SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Use in a well-ventilated place.

Handle the product after consulting all the other sections of this safety data sheet. Avoid dispersion of the product in the environment. Do not eat, drink or smoke during use. Wash hands after use.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in a well-ventilated place.

Avoid compromising the integrity of the object.

Avoid contact with material that could damage it.

7.3 Specific end use(s)

Uses other than those indicated in section 1.2 are not specified..

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

The product does not contain substances with occupational exposure limits.

However, it is recommended to consider in the risk assessment process the occupational exposure limit values set by the ACGIH for inert powders not otherwise classified (PNOC respirable fraction: 3 mg / mc; PNOC inhalable fraction: 10 mg / mc). If these limits are exceeded, the use of a type P filter is recommended, the class of which (1, 2 or 3) must be chosen based on the outcome of the risk assessment.

8.2 Exposure controls

The product concerned is not dangerous, therefore no exposure controls are necessary.

However, we recommend the use of the following D.P.I to avoid any possible damage caused by incorrect use of the product:

PROTECTIVE GLOVES against mechanical risks. (ref. UNI EN 388).

P-type filtering FACE MASK (ref. Standard EN 149), or equivalent device, the class of which (1, 2 or 3).

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Its actual need must be defined based on the outcome of the risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLS.

Emissions from production processes, including those from ventilation equipment, should be checked for compliance with environmental protection legislation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: solid white color.

9.2 Other information

Information not available.

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactions are expected if the following technical instructions storage of chemicals.

10.2 Chemical stability

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid

Avoid heating. Avoid contact with strong acid, basic and strong oxidizing and reducing agents.

10.5 Incompatible materials

Strong oxidants, reducing agents, open flames.

10.6 Hazardous decomposition products

As a result of thermal degradation, CO_x-containing fumes may develop.

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SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The following product is not classified as dangerous since, being an article, it is not subject to classification according to the provisions of Reg. 1272/2008 CLP.

ACUTE TOXICITY.

It does not meet the classification criteria for this hazard class.

SKIN CORROSION / SKIN IRRITATION.

It does not meet the classification criteria for this hazard class.

SERIOUS EYE DAMAGE / EYE IRRITATION.

It does not meet the classification criteria for this hazard class.

RESPIRATORY OR SKIN AWARENESS.

It does not meet the classification criteria for this hazard class.

MUTAGENICITY ON GERMINAL CELLS.

It does not meet the classification criteria for this hazard class.

CARCINOGENICITY.

It does not meet the classification criteria for this hazard class.

REPRODUCTION TOXICITY.

It does not meet the classification criteria for this hazard class.

SPECIFIC TOXICITY FOR TARGET ORGANS (STOT) - SINGLE EXPOSURE.

It does not meet the classification criteria for this hazard class.

SPECIFIC TOXICITY FOR TARGET ORGANS (STOT) - REPEATED EXPOSURE.

It does not meet the classification criteria for this hazard class.

ASPIRATION HAZARD.

It does not meet the classification criteria for this hazard class.

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SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

The following product is not classified as dangerous as, being an article, it is not subject to classification according to reg. 1272/2008 CLP.

12.2 Persistence and degradability

Not relevant.

12.3 Bioaccumulative potential

Not relevant.

12.4 Mobility in soil

Information not available.

12.5 Results of PBT and vPvB assessment

Based on the available data, the product does not contain PBT or vPvB substances in a percentage higher than 0.1%.

12.6 Other adverse effects

Information not available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Reuse if possible. The residues of the product as such are to be considered special non-hazardous waste.

Disposal must be entrusted to a company authorized to manage waste, in compliance with national and possibly local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

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SECTION 14 TRANSPORT INFORMATION

Not applicable.

SECTION 15 REGULATORY INFORMATION

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

Restrictions relating to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006

None.

Candidate List substances (Art. 59 REACH).

Based on available data, the product does not contain SVHC substances in a percentage higher than 0.1%.

Substances subject to authorization (Annex XIV REACH).

None.

15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

SECTION 16 OTHER INFORMATION

LEGEND:

ADR: European agreement for the transport of dangerous goods by road

CAS NUMBER: Chemical Abstract Service number

CE NUMBER: Identification number in ESIS (European archive of existing substances)

CLP: EC Regulation 1272/2008

DNEL: Derived no effect level

EmS: Emergency Schedule

GHS: Global harmonized system for the classification and labeling of chemical products

PBT: Persistent, bioaccumulating and toxic according to REACH

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PEC: Predictable environmental concentration

PEL: Predictable level of exposure

PNEC: Predicted no effect concentration

REACH: EC Regulation 1907/2006

TLV: Threshold limit value

TLV CEILING: Concentration that must not be exceeded during any time of the work exposure.

TWA STEL: Short term exposure limit

TWA: Weighted average exposure limit

VOC: Volatile organic compound

vPvB: Very persistent and very bioaccumulating according to REACH

General Bibliography:

Regulation (EU) 1907/2006 of the European Parliament (REACH)

Regulation (EC) 1272/2008 of the European Parliament (CLP)

Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)

Regulation (EU) 2015/830 of the European Parliament

Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)

Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)

Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)

Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)

Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)

Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)

The Merck Index. - 10th Edition

Handling Chemical Safety

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INRS - Fiche Toxicologique (toxicological sheet)

Patty - Industrial Hygiene and Toxicology

N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

ECHA Agency website

Note for the user:

The information contained in this document is based on the knowledge available to us on the date of the latest version.

The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document must not be interpreted as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force on hygiene and safety under his own responsibility. No liability is assumed for improper use. Provide adequate training to personnel involved in the use of chemicals.

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