Safety Data Sheet

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

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name **İzocam Optiflex, İzocamflex**

Product description **İzocam Elastomeric Rubber Foam**

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

Identified Uses	Industrial	Professional	Consumer
Insulation / building material	✔	✔	-

Uses Advised Against

No data available.

1.3. Details of the supplier of the safety data sheet

Name **İZOCAM TİC. ve SAN. A.Ş.**

Full address **Altayçeşme Mahallesi Çamlı Sok.**
Esas Ofispark No:21 Kat:4-5

District and Country **Maltepe / İstanbul**
TR

Tel : +90 216 440 40 50

Fax : +90 216 440 40 70

e-mail address of the competent person

responsible for the Safety Data Sheet

1.4. Emergency telephone number

For urgent inquiries refer to **+ 90 222 236 14 80 (Production Manager)**
+ 90 216 440 40 50 (Engineering Manager)

SECTION 2. Hazards identification

2.1. Classification of the substance or 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).
Hazard classification and indication:

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.

Hazard pictograms: --

Signal words: --

Hazard statements: --

Precautionary statements: --

2.3. Other hazards

The substance does not have persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative. (vPvB).

The substance does not have endocrine disrupting properties.

SECTION 3. Composition/information on ingredients

3.1. Substances

Information not relevant

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

3.2. Mixtures

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

Synthetic rubber-based material with additives ingredients for fire performance, flexibility and UV stabilization.

SECTION 4. First aid measures

4.1. Description of first aid measures

General Information: Consult a doctor/nearest medical service during any emergency situation.

Inhalation: If inhaled, remove to fresh air. Consult a physician if the symptoms persist.

Ingestion: Never give anything by mouth to an unconscious person. Consult a physician if the symptoms persist.

Skin Contact: If irritation develops, get medical attention.

Eye Contact: In case of contact with the eye, rinse immediately with plenty of water at least 15 minutes. Remove contact lenses if it is available and easy to do. If any effects occur, consult a doctor or a medical service.

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

Inhalation: No data available.
Ingestion: If swallowed, may cause discomfort.
Contact with skin: No data available.
Contact with eyes: No data available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
UNSUITABLE EXTINGUISHING EQUIPMENT
Do not use water jet.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
Hazardous gases/vapors produced in fire or at high temperatures. Carbon Dioxide (CO2) and Carbon Monoxide (CO).
Fire gases, do not breathe. Emits toxic fumes under fire conditions: carbon dioxide, carbon monoxide and other decomposition products

5.3. Advice for firefighters

Fire vapors / gases may contain toxic and harmful substances therefore avoid breathing these substances. Take the wind out while extinguishing. Move employees and other persons away from the fire area and into a safe area. Use fire-protective equipment in accordance with EN469. Wear self-contained breathing aparatus and full protective clothing.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For personal protective equipment see chapter 8 of this Safety Data Sheet. Avoid contact with the eyes. Do not breathe dust. Prevent dust cloud formation. Do not touch the product until all safety precautions have been thoroughly read and understood. Provide adequate ventilation. Keep away from all ignition sources and flames.

6.2. Environmental precautions
Avoid discharge to aquatic life. Stop leaks if possible. Prevent uncontrolled discharges into the environment (rivers, water courses, sewers etc.).
Inform the competent authorities in case of contamination with water or sewerage and inform authorities concerned.

6.3. Methods and material for containment and cleaning up

Dispose of contents / container in accordance with national regulations. Stop leak if safe to do so.
Pick up and discard large pieces. Collect residues in closed containers. Dispose the product in an authorized waste disposal site.

6.4. Reference to other sections

See section 8 for personal protection.
See section 12 on Ecological information.
See section 13 on Disposal Considerations.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Wear protective clothing as shown in Section 8 of this Safety Data Sheet.
Read the special instructions before use. Avoid skin and eye contact. Do not breathe dust. Keep all sources of ignition away from the environment.
Avoid dust formation. Provide appropriate and adequate ventilation.
Keep away from heat. Keep away from sources of ignition. Do not eat, drink or smoke when using this product. Keep out of reach of children.

General protection and hygiene measures:
Use only in well-ventilated areas.
Keep away from food items, beverages and animal feed.
Wash your hands before breaks and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly closed, original package and in a well-ventilated, cool and dry place.
Store in accordance with local regulations.
Can be stored in clean, dry rooms under normal conditions with respect to humidity (50-70%) and surrounding furthermore, must be stored in fresh and well ventilated conditions separate from flammable material such as solvent, thinner etc. without exposure to sunlight

7.3. Specific end use(s)

Use information for this product is described in Section 1.2.

SECTION 8. 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.
APPROPRİATE ENGİNEERİNG CONTROLS:
Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Provide adequate amounts of safety showers and eye showers and ensure that they are labelled appropriately. Comply with the safety measures usually applied when handling chemical substances.

HAND PROTECTION
If required, Protect hands with work gloves (see standard EN 374)

SKIN PROTECTION
If required, Wear professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344)..

EYE PROTECTION
If required, Wear airtight protective goggles (see standard EN 166).
RESPIRATORY PROTECTION

If required, Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149).

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 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	Tubes and sheets. Closed-cell elastomeric synthetic rubber foam sheets and pipes	
Colour	Usually black in color (but may be manufactured in different colors)	
Odour	Characteristic	
Melting point / freezing point	Not available	
Initial boiling point	Not applicable	
Flammability	Class E (Optiflex) according to EN13501-1	
Lower explosive limit	Not available	
Upper explosive limit	Not available	
Flash point	Difficult to ignite according to DIN 4102: B1 and B2	
Auto-ignition temperature	> 250 °C	
pH	Not available	
Kinematic viscosity	Not available	
Solubility	Insoluble in water	
Partition coefficient: n-octanol/water	Not available	
Vapour pressure	Not available	
Density and/or relative density	Not available	
Relative vapour density	Not available	
Particle characteristics	Not available	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular 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

Avoid high temperatures and heat. Avoid the influence of naked flames. Usual precautions used for chemical products should be respected.

10.5. Incompatible materials

Oxidizing agents, strong acids and bases.

10.6. Hazardous decomposition products

Hazardous gases/vapors produced in fire or at high temperatures: Carbon Dioxide (CO2) and Carbon Monoxide (CO).

SECTION 11. Toxicological information

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

Does not meet the classification criteria for this hazard class

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

Respiratory sensitization

Information not available

Skin sensitization

Information not available

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

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the substance is not 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

Product is not classified as environmentally hazardous. Nevertheless, it should be avoided to discharge to the environment.

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

The substance does not have persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative. (vPvB).

12.6. Endocrine disrupting properties

Based on the available data, the substance is not 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 authorised waste management firm, in compliance with national and local regulations.
Solid residues may be suitable for disposal in an authorised landfill site.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

European Waste Catalogue: 07 02 13 (waste plastic) Please note: the classification of waste for this product may change according to the field of application. Please observe Directive 2001/118/EC

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

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

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 substance or 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

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (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

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)

WGK 1: Low hazard to waters

15.2. Chemical safety assessment

Has not been performed / is not yet available a chemical safety assessment for the substance.

SECTION 16. Other information

Information Source: This Safety Data Sheet has been prepared based on provided information by supplier/manufacturer of this product and according to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

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

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)
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website

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

- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:
The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.
This document must not be regarded as a guarantee on any specific product property.
The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.
Provide appointed staff with adequate training on how to use chemical products.

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CALCULATION METHODS FOR CLASSIFICATION
Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.
Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.
Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.