



Revision Date ---
Issue Date 18.03.2019
Revision No 0.0
Form No: EN02
Page 1 / 8

Safety Data Sheet

IZOCAM GLASSWOOL NEEDEDLED

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation 2015/830

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

1.1. Product identifier

Trade name: Izocam Glass Wool Needled Mat for thermal and acoustical insulation of oven and any kind of apparatus.

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

Identified Uses Glass wool.
Facing and adhesive : None or Al-foil.

Advised against Use No data available.

1.3. Details of the supplier of the safety data sheet

Supplier İZOCAM TİC. ve SAN. A.Ş.
Altayçeşme Mahallesi Çamlı Sok.
Esas Ofispark No:21 Kat:4-5
Maltepe – İstanbul - Turkey
Tel : +90 216 440 40 50
Fax : +90 216 440 40 70

1.4. Emergency telephone number

İZOCAM: + 90 216 3656745 (Export Manager)
+ 90 262 7546686 (Engineering Manager)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous according to the Regulation (EC) No 1272/2008.

2.2. Label elements

According to Regulation (EC) No 1272/2008

Hazard pictograms

Not applicable.

Signal Word

Not applicable.

Hazard statements - Precautionary statements

This product is not classified hazardous according to the Regulation (EC) No 1272/2008 and not subject to the labeling provisions.

2.3. Other hazards

WHO (World Health Organization):

The International Agency for Research on Cancer (IARC) which is a working group of WHO has evaluated the risk of airborne man made fibers and concluded that the more commonly used vitreous fiber wools including insulation glass wool, stone wool and slag wool are not classifiable as to carcinogenicity to humans (Group 3). Therefore all mineral wools, including non-bio soluble types as well, are in the third group of classification namely, Inadequate Data Group which also includes tea, fluorescent light and caffeine.



Safety Data Sheet

IZOCAM GLASSWOOL NEEDLED

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation 2015/830

EC (European Community)

Fibers contained in this product have a low fiber biopersistence. (Weighted clearance half life of fibers, with lengths greater than 20 µm, after inhalation, less than 10 days or after intratracheal instillation, less than 40 days). So, classification as a carcinogen **need not apply** in accordance with the Regulation (EC) No 1272/2008 and the note Q.

Having EUCEB trademark, Izocam glass wool products are not classified as carcinogenic.

Fire and Explosion Hazards : Resin, paper or plastic facings will burn causing smoke.

Specific Hazards : Not relevant

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

No	Name of the component	CAS Number	EC Number	Content %	Classification (Regulation EC 1272/2008)
1	Glass Fiber	65997-17	266-046-0	99 – 100	Not classified.

Note Q: The classification as a carcinogen need not apply if it can be shown that the substance fulfils one of the following conditions:

- a short term biopersistence test by inhalation has shown that the fibres longer than 20 µm have a weighted half-life less than 10 days; or
- a short term biopersistence test by intratracheal instillation has shown that the fibres longer than 20 µm have a weighted half-life less than 40 days; or
- an appropriate intra-peritoneal test has shown no evidence of excess carcinogenicity; or
- absence of relevant pathogenicity or neoplastic changes in a suitable long term inhalation test.

Hazard codes and abbreviations on this table are given in the section 16 of this safety data sheet.

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. If not breathing, give artificial respiration.
Be sure that the respiratory tract is opened. Consult a physician if the symptoms persist.

Ingestion: Not applicable. However, if swallowed in small quantities, rinse mouth with water. If vomiting occurs, keep head below hips to prevent going to the lung. Never give anything by mouth to an unconscious person. Consult a physician if the symptoms persist.

Skin Contact: It is recommended to clean the skin after contact with the product.
Rinse your skin with water / shower. 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.



Safety Data Sheet

IZOCAM GLASSWOOL NEEDLED

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation 2015/830

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

Inhalation: May cause irritant effects to the respiratory tract.

Ingestion: If swallowed, may cause discomfort.

Contact with skin: Long-term contact may irritate the skin.

Contact with eyes: Redness of the eye tissue. Slight irritation.

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

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water, water spray, foam, CO₂.

Unsuitable extinguishing media: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for fire-fighters

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 apparatus 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. Collect mechanically. Clean contaminated surfaces with an excess of water.
Wash clothing and equipment after handling. Do not wash out with water in a sensitive environment.
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.

Safety Data Sheet

IZOCAM GLASSWOOL NEEDLED

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation 2015/830

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.
Powders may form if the product is cut, grinded, or crushed.
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.

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.
Suitable Storage Condition: Under cover in dry place when not sealed in plastic.
Packaging Material : Delivered packed in carton box or polyethylene.

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

Occupational Exposure Limit Values: No data available.

8.2. Exposure controls

Personal Protective Equipment:



Appropriate engineering 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. For cutting, use a knife rather than a saw.

Eye/Face Protection : Use protective goggles conforming to EN166 Standard. Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye or face contact with product. A full face mask positive-pressure air-supplied respirator provides protection from eye irritation.

Hand protection: Use protective gloves complying with EN374 Standard.

General protection and hygiene measures:

Use only in well-ventilated areas.
Keep away from food items, beverages and animal feed.
Remove contaminated, contaminated clothing immediately.
Wash your hands before breaks and at the end of work. Avoid direct contact with eyes and skin.
Do not eat or drink any food while using this substance. Do not smoke.



Revision Date ---
Issue Date 18.03.2019
Revision No 0.0
Form No: EN02
Page 5 / 8

Safety Data Sheet

IZOCAM GLASSWOOL NEEDLED

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation 2015/830

Respiratory protection: Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, where exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. Dust production: dust mask with filter type P1.

Other Protective Measures: Splash goggles. Full suit. Boots. Gloves. Consult a specialist BEFORE handling this product.

Environmental exposure controls: Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Solid. Mineral wool of homogeneous texture in the form of boards, rolls and mats.
Odour	Not relevant.
Micronaire	3 – 5 F/5gr
Colour	White
Orientation of Fibers	Random
pH	Not applicable.
Temperature Of Devitrification	About 1000 °C
Flash Point	Not applicable.
Explosion Properties	Not applicable.
Initial boiling point/range	Not applicable.
Solubility in water	Not applicable.
Density	40 to 120 kg/m3 (Depends on product)

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

It is stable at normal ambient temperatures and when used as recommended.
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid high temperatures and heat. Prevent moisture contact.



Revision Date ---
Issue Date 18.03.2019
Revision No 0.0
Form No: EN02
Page 6 / 8

Safety Data Sheet

IZOCAM GLASSWOOL NEEDLED

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation 2015/830

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). Binder evaporates above approximately 175 °C. Accordingly, formation of gases such as formaldehyde during first heating.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity : > 2000 mg/kg (ATE)

Acute dermal toxicity : > 2000 mg/kg (ATE)

This product does not meet the criteria for classification of acute toxicity.

Skin corrosion/irritation : Does not meet the classification criteria.

Eye Damage/ Irritation : Does not meet the classification criteria.

Respiratory / skin sensitisation:

Does not meet the classification criteria.

Short-lived itching or red spots which usually disappear after a few days. Exceptionally allergy.

Mutagenicity : Does not meet the classification criteria.

Carcinogenicity : Does not meet the classification criteria.
(CLP Regulation 1272/2008 Note Q)

Reproductive toxicity : Does not meet the classification criteria.

Aspiration hazard : Does not meet the classification criteria.

Specific target organ toxicity - single exposure and repeated exposure: Not classified.
May cause itching of upper aero-digestive canal.

SECTION 12: Ecological information

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

No information on persistence and degradability.

12.3. Bioaccumulative potential

No information on bioaccumulation.

12.4. Mobility in soil

No data available.



Revision Date ---
Issue Date 18.03.2019
Revision No 0.0
Form No: EN02
Page 7 / 8

Safety Data Sheet

IZOCAM GLASSWOOL NEEDLED

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation 2015/830

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product must be disposed of in accordance with the relevant regulations.

Do not allow the product to be disposed of with household waste.

It is strictly forbidden to mix the product with sewerage and groundwater. In such cases, notify the authorities.

See national and international legislation on waste.

Do not dispose of the product without checking the waste regulations.

Also see Section 7 for safe handling information. Eventually contact the manufacturer.

Waste Class: 10 11 03 – Waste glass-based fibrous materials

SECTION 14: Transport information

14.1. UN number

Not applicable. This product is not covered by the international regulation on the transport of dangerous goods.
(ADR/RID, IATA, ICAO, IMDG)

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. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available.

SECTION 15: Regulatory information

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

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).
- EU Regulation (EC) No. 1907/2006 (REACH)
- EU Regulation (EC) No. 2015/830 (REACH Annex II)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.



Revision Date ---
Issue Date 18.03.2019
Revision No 0.0
Form No: EN02
Page 8 / 8

Safety Data Sheet

IZOCAM GLASSWOOL NEEDLED

According to Regulation (EC) No 1907/2006 (REACH) as amended by Regulation 2015/830

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 regulation EC No 2015/830 (REACH Annex II).

Advice:

Read the special instructions before use.

Notes on Revision:

This is first issue.

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Revision Date:

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Abbreviations and acronyms

CAS	Chemical Abstracts Service
CLP	Classification, labelling and packaging (Regulation (EC) No 1272/2008)
EINECS	European Inventory of Existing Commercial chemical substances
WEL:	Workplace Exposure Limit.
EU:	European Union.
PBT:	Persistent, bioaccumulative and toxic
vPvB:	Very persistent and very toxic.
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
WHO	World Health Organisation
ATE:	Acute Toxicity Estimation.

Disclaimer

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or process. The information represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Therefore, although reasonable care has been taken in the preparation of such information, our company extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability or such information for application to purchaser's intended purposes or for consequences of its uses. It is the user's own responsibility to be convinced of the suitability of this information for its own use.