

MATERIAL SAFETY DATA SHEET

Part 1 : Product and Supplier Identification

Product Name : URSA Glasswool Panel and Blanket

Trade Name : URSA Glasswool

Producer : URSA Isı Yalıtım San. ve Tic. A.Ş.

Polatlı Organize Sanayi Bölgesi

203. Cadde No:15 Polatlı-ANKARA

TURKEY

Phone : 00 90 312 626 50 66 (08:30 – 17:30)

Emergency : 00 90 312 626 50 66

Contact (Customer Service / Product Manager)



Part 2: Composition and Ingredients

Glass wool with a low amount of Bakelite (a synthetic thermosetting resin binder) and up to 0.5% silicone oil or emulsion.

Substance	Amount (Weight %)
Glass fiber	92 - 96
Terpolymer Phenol-Urea-Thermosetting resin Condensed Polymer	8 - 4

Components	
SiO ₂ (Silica)	Al ₂ O ₃
CaO	Fe ₂ O ₃
MgO	B ₂ O ₃
Na ₂ O	
K ₂ O	
Facing: Unfaced or aluminum foil, glass tissue	

Part 3: Hazards Identification

Hazards Identification:

Glasswool mineral fibers have been classified by EU and HSE 'CHIP' Regulations as Irritant and may cause transient mechanical skin irritation. High dust levels may irritate the throat and eyes.

On the other hand, World Health Society- International Cancer Research Center (IARC) searched the risk factor; as a result they announced there is no carcinogenic affect of glasswool on human body.

Fire and Explosion Hazards:

Some facings and packaging materials may burn causing smoke.

Specific Risks:

Not relevant



Part 4: First –Aid Measures

4.1. Mineral Fiber

Information according to the different exposure route:

Skin Contact:

If irritation occurs, wash off under cold running water prior to washing with mild soap. Do not rub or scratch. In case of allergy, consult doctor.

Inhalation:

Remove from exposure. If irritation occurs, clean throat by rinsing with cold, potable water.

Eye Irritation:

If irritation occurs, flush eyes with potable cold water. Do not rub the eyes. Consult a physician if irritation persists.

Ingestion:

Not relevant

4.2. Binder Gases

If eye or respiratory irritation occurs, leave source of contamination and get fresh air. Consult a physician if irritation persists.

Part 5. Fire Fighting Measures

The products are non-combustible and do not pose a fire hazard. Pinking may occur at high temperatures. Some facings and packaging materials may burn.

5.1. Suitable Extinguishing Media:

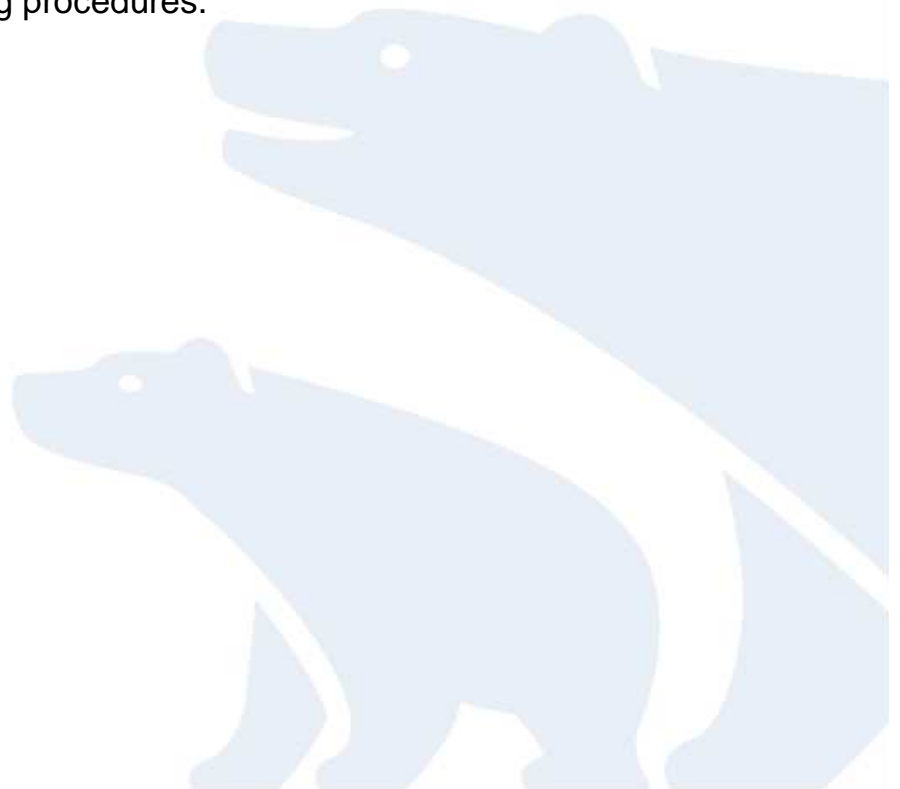
Water, sprayed water, foam, carbon dioxide or dry powder.

5.2. Extinguishing Media That Must Not Be Used For Safety Reasons:

Not relevant

5.3. Special Protective Equipment for Fire Fighters:

Observe normal fire fighting procedures.



Part 6: Accidental Release Measures

Personal Precautions:

In case there is a very high material concentration, use personal protection equipments as mentioned in part 8.

Environmental Precaution:

Spread Procedure:

Dispose large pieces. Sweep the dust. In case it is needed, use a dust repressive.

Cleaning Methods:

Vacuum Cleaner

Heating Measures:

It may cause diffusion of smoke and bad smell when insulation material is heated. It will be enough to supply ventilation.

Part 7: Handling and Storage

7.1. Handling:

Unpack material at application site to avoid unnecessary handling of product. Keep work areas clean. Dispose of scrap material and debris in suitable containers. Spray with water before sweeping or use vacuum equipment.

- Technical Measures : No specific measures
- Precautions : No specific precaution
- Safe Handling Advice : No specific advice

7.2. Storage:

Keep material in original packaging until it is to be used. Store the material in the warehouse in order to protect it against damage including the weather.

- Technical Measures : No specific measures
- Suitable Storage Conditions : Under cover in dry place when not sealed in plastic
- Don't keep with : See part 10.
- Packaging Material : Polyethylene or carton package.
- Suggestion : No specific suggestion

Part 8: Exposure Controls / Personal Protection

Engineering Materials

Use knife instead of saw to cut glasswool.

Personal Protection Equipments

Respiratory Protection:

If used products are in closed atmosphere or they produce dust (eg. 2 fiber/ml and higher), mask type P1 should be worn.

Hand Protection:

Gloves

Eye Protection:

Goggles

Skin and Body Protection:

Full clothes with closed sleeves

Wash your work clothes separately from your other clothes to prevent fiber transfer.

Materials for Hygiene

Hands should be washed with water and soap. If there is not enough ventilation, keep the dust below suggested levels with mechanical ventilation system.

Exposure Limit Values

2.0 fiber/ml

Part 9: Physical and Chemical Properties

Physical State:

Solid

Form:

Mineral wool of homogenous texture in the form of panels and blankets

Micronaire:

3 – 5 F/5gr

Fiber Distribution:

Randomly

Color:

Yellow and white depend on binder type and content.

Odor:

Not relevant

pH:

Not relevant

Maximum Service Temperature:

250 °C

Flash Point:

Not relevant

Explosion Characteristics:

Not relevant

Density:

10 to 120 kg/m³

Solubility:

Bio soluble

Part 10: Stability and Reactivity

Stability:

- Stable with standard binder up to 250°C.
- Stable with special binders up to 400°C.

Keep Away From These Chemicals:

Hydrofluoric acid.

Dangerous Reactions:

Not relevant

Decomposition Products:

Higher than 200°C decomposition products are given into the air.

Combustion Products:

Carbon dioxide, carbon monoxide and trace gasses are the combustion products. Some facings and binder material may burn or dissolved when exposed to fire.

Part 11: Toxicology Information

Acute Toxicity

Not relevant

Local Effects

Respiration:

No specific effect.

Skin Contact:

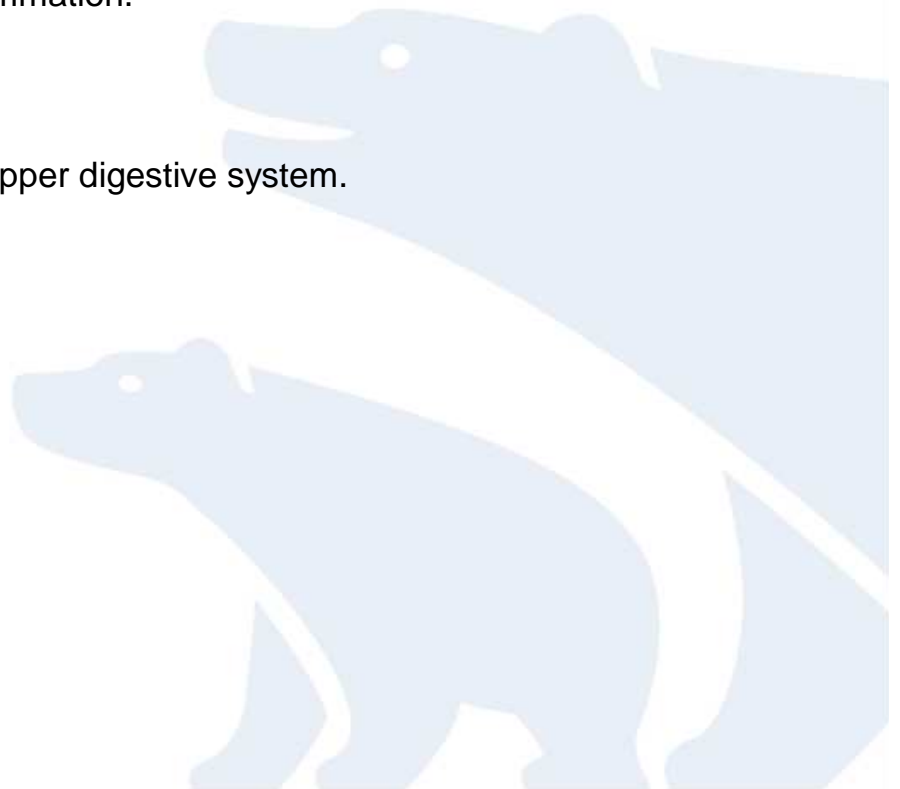
Short-lived itching or red spots which usually disappear after a few days.
Exceptionally allergy.

Eye Contact:

Short term itching and inflammation.

Digestion:

It may cause to itching on upper digestive system.



Part 12: Ecological Information

The product has no risk for environment.

Product which can be recycled.



Part 13: Waste Management

Waste from the residues:

Dispose of in accordance with the regulations and procedures in force

Contaminated packaging:

Dispose of in accordance with the regulations and procedures in force

Part 14: Transport Information

No specific regulations



Part 15: Other Information

You can contact with producer for more information. (Address is given first page of this document.)

Information are given in these documents to be found on our product catalogue dated **01.03.2009**.

The attention of users is drawn to possible risks taken when the product is used for other application than the ones it has been designed for.

