

<b>URSA-CODE</b>	<b>Standard</b>	
Rev. 3 – 15/1/2016	<b>URSA GLASSWOOL</b>	
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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Generic product name:** URSA GLASSWOOL  
**Registration number:** 01-2119472313-44-0019  
**Recommended use:** Thermal and acoustic insulation material for construction and industrial applications

**Producer:** URSA Slovenija d.o.o.  
Povhova ulica 2  
8000 Novo mesto (Slovenija)

Tel.: +386 7 3918300  
Fax: +386 7 3918443

**Emergency telephone number:** +386 7 3918300  
(available during 6:00 – 16:00, local time)

## 2. HAZARDS IDENTIFICATION

Man-made vitreous (silicate) fibers with random orientation with alkaline and alkali earth oxides (Na<sub>2</sub>O+K<sub>2</sub>O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions do not belong into dangerous substance and do not act dangerous for men or environment till now knowing researches.  
Contact with skin can cause oversensitive reaction.

## 3. COMPOSITION / INFORMATIONS on INGREDIENTS

Substance	Registration number	Amount weight (%)	Classification and labelling (Regulation (CE) n°1272/2008)	Classification and labelling (European directive 67/548/EEC)
Mineral wool <sup>(1)</sup>	01-2119472313-	92 – 95 %	Not classified	Not classified
Binder	44-0019	5 – 8 %	Not classified	Not classified

(1): Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na<sub>2</sub>O+K<sub>2</sub>O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the nota Q conditions

**Some products are faced with facing material. Possible facing materials:**  
glass veil, ALU foil, kraft paper, glass or glass vliess.

## 4. FIRST AID MEASURES

### Information according to the different exposure route:

**Inhalation:** Remove from exposure. Rinse the throat and blow nose to clear dust

**Skin contact:** If mechanical irritation occurs, remove contaminated clothing and wash skin gently with cold water and soap.

**Eyes contact:** Do not rub the eyes. Rinse the affected eye (while protecting the uninjured one) for 10 minutes under running water while holding it open.

The European Regulation (ER) on Chemicals N° 1907/2006 (REACH) enforced on June 1<sup>st</sup> 2007 requires Material Safety Data Sheet (MSDS) only for hazardous substances and mixtures/preparations. Mineral wool products (panels or rolls), are articles under REACH and therefore, MSDS is not legally required. Nevertheless, URSA decides to provide its customers with the appropriate information for assuring safe handling and use of mineral wool

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<p><b>After swallowing:</b></p>	<p>If particles have penetrated the eye, they should be treated like other foreign bodies. If symptoms persist, consult a doctor.</p> <p>The product must not be swallowed. Oral intake may lead to temporary irritation of the gastrointestinal tract and should be treated depending on the symptoms. Drink plenty of water and if necessary consult a doctor.</p> <p>In case of any adverse reaction or continuous discomfort from any of the above exposure, seek medical professional advice.</p>
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## 5. FIRE FIGHTING MEASURES

<p><b>Information on fire and explosion prevention:</b></p>	<p>The products are not inflammable (DIN 4102 – A2/EN 13501 – A1)</p>
<p><b>Suitable extinguishing media:</b></p>	<p>Products do not pose a fire hazard in use; however, some packaging materials or facings may be combustible.</p> <p>Suitable extinguishing media; water, foam, carbon dioxide (CO<sub>2</sub>), and dry powder.</p> <p>In large fires in poorly ventilated areas or involving packaging materials respiratory protection / breathing devices may be required.</p> <p>Products of combustion from product and packaging - carbon dioxide, carbon monoxide and some trace gases such as ammonia, nitrogen oxides and volatile organic substances</p>

## 6. ACCIDENTAL RELEASE MEASURES

<p><b>Personal precautions:</b></p>	<p>In case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in section 8.</p>
<p><b>Environmental protection:</b></p>	<p>Not relevant</p>
<p><b>Methods for cleaning up:</b></p>	<p>Vacuum cleaner or dampen down with water spray prior to brushing up.</p>

## 7. HANDLING AND STORAGE

<b>Handling</b>	
<p><b>Technical measures:</b></p>	<p>No specific measure. Use preferably a knife.</p> <p>In case of a power tool use, it must be equipped with efficient air suction.</p>
<p><b>Precaution:</b></p>	<p>Ensure adequate ventilation of workplace. See section 8.</p>
<p><b>Safe handling advice:</b></p>	<p>Avoid unnecessary handling of unwrapped product. See section 8.</p>

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## **Storage**

<b>Technical measures:</b>	No specific measure, palletised products should be stored in accordance with site specific risk assessment.
<b>Storage class:</b>	not classified
<b>Suitable storage condition:</b>	Store products removed from pallet and packaging or loose un-palletised product, in a dry location
<b>Incompatible materials:</b>	none
<b>Packaging material:</b>	Delivered packed in polyethylene film or cardboard on wooden pallet.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limit Value:** None at European level.  
Limits: 0.5fibers /cm<sup>3</sup> in Slovenia.

**Exposure controls:** No specific requirements

### **Individual protection equipment's**

**Respiratory protection:** When working in unventilated area or during operations which can generate emission of dust. Type in accordance with EN 149 FFP1 is recommended.

**Hand protection:** Wear usual gloves in conformity with EN 388

**Eyes protection:** Wear goggles when working overhead. Eye protection to EN 166 is advised

**Skin protection:** Cover exposed skin

**Hygiene measures:** Rinse in cold water before washing

The following sentence and pictograms are printed on packaging

*"The mechanical effect of fibres in contact with skin may cause temporary itching"*



Ventilate working area if possible



Waste should be disposed of according to local regulations



Cover exposed skin.  
When working in unventilated area wear disposable face mask



Clean area using vacuum equipment



Wear goggles when working overhead



Rinse in cold water before washing

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Solid
<b>Form:</b>	Roll, panel
<b>Colour:</b>	Yellow
<b>Odour:</b>	No Odour
<b>pH:</b>	Not applicable
<b>Melting point/range:</b>	> 450 °C
<b>Boiling point:</b>	Not relevant
<b>Flash point:</b>	Not relevant
<b>Flammability:</b>	Not inflammable as per DIN EN 13501-1 (A1/A2)
<b>Explosive properties:</b>	Not relevant
<b>Density:</b>	From 9 to 100 kg/m <sup>3</sup>
<b>Water solubility:</b>	Generally chemically inert and insoluble in water.
<b>Fat solubility:</b>	Not applicable
<b><u>Other information</u></b>	
<b>Approximate Length weight geometric mean diameter of fibres:</b> 3 to 5 µm	
<b>Length weight geometric mean diameter less 2 standard errors*:</b> < 6 µm	
<b>Orientation of fibres:</b>	Random
*: Regulation (EC) 1272/2008, nota R	

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	
<b>For building:</b>	Stable in normal conditions of use
<b>For high T uses:</b>	Binder will start to decompose around 200°C
<b>Dangerous reactions:</b>	None in normal conditions of use (as per DIN 53 436)
<b>Hazardous decomposition</b>	
<b>For building:</b>	None in normal condition of use.
<b>Products:</b>	
<b>For high T uses:</b>	Decomposition of binder around 200°C produces carbon dioxide and some trace gases. The duration and amount of release is dependent upon the thickness of the insulation, binder content and the temperature applied. During first heating, good ventilation or appropriate personal protection equipment are require.

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute effect:</b>	The mechanical effect of fibres in contact with the skin can cause a
<b>(LD 50/LC 50 values)</b>	temporary itching.
<b>Carcinogenic, mutagenic and reprotoxic effects:</b>	None. Mineral wool products don't comply with the criteria contained in Annex XIV, EC Regulation 1907/2006 respectively neither classification for mineral wool according to 97/69/EC nor 2008/1272/EC, note Q (see section 15).

## 12. ECOLOGICAL INFORMATION

This product is not expected to causes harm to animals or plants during normal conditions of use.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste from residue:</b>	Dispose in accordance with regulations and procedures in force in country of use or disposal
<b>Dirty packaging:</b>	Dispose in accordance with local regulations.
<b>Code from European Waste Catalogue:</b>	17 06 04 Insulating material with the exception of that falling under 17 06 01 and 17 06 03

## 14. TRANSPORT INFORMATION

**International regulations:** No specific regulations

## 15. REGULATORY INFORMATION

The European directive 97/69/EC replaced by the regulation (EC) n° 1272/2008 concerning the classification, labelling and packaging of the substance and the mixtures does not classify glass fibres as hazardous, if they are in compliance with the note Q of this Regulation.

The note Q specifies that classification as carcinogenic does not apply if:

- a short-term biopersistence test by inhalation has shown that fibres longer than 20µm have a weight half-life less than 10 days, or
- a short-term biopersistence test intra-tracheal instillation has shown 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
- a suitable long term inhalation test has shown absence of relevant pathogenicity or neoplastic changes.

Mineral wool (glass, stone and slag wool) are not classified under the European Regulation on classification, labelling and packaging of substances and mixtures ("CLP" Regulation – Regulation EC n° 1272/2008) which is the European implementation of the international Globally Harmonized System ("GHS")

**Labelling under EU directives:** URSA insulation products do not require labels indicating health, safety or environmental hazards under EU directives

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**Other regulations:** Not hazardous to water pursuant to 2.2.2 German Administrative Regulations on the Classification of Substances Hazardous to Water

## 16. OTHER INFORMATION

The glass wool fibres of this product are exonerated from the carcinogenic classification according to the European directive 97/69/CE and the Regulation (EC) 1272/2008 if they fulfil one of the criteria of the nota Q of these texts.

All products manufactured by URSA are made of non-classified fibres and are certified by EUCEB.

EUCEB, European Certification Board of Mineral Wool Products - [www.euceb.org](http://www.euceb.org), is a voluntary initiative by the mineral wool industry. It is an independent certification authority that guarantees that products are made of fibres, which comply with the exoneration criteria for carcinogenicity (Note Q) of the Directive 97/69/EC and the Regulation (EC) 1272/2008.

To ensure that fibres comply with the exoneration criteria all tests and supervision procedures are carried out by independent, expert qualified institutions. EUCEB ensures that the producers of mineral wool have put in place self-control measures.

The mineral wool producers commit to EUCEB to:

- supply sampling and analysis reports established by laboratories recognized by EUCEB, proving that the fibres comply with one of the four criteria of exoneration described in Note Q of the Directive 97/99/EC,
- be controlled, twice per year, of each production unit by an independent third party recognized by EUCEB (sampling and conformity to the initial chemical composition),
- put in place procedures of internal self-control in each production unit.

The products responding to the EUCEB certification are recognized by the EUCEB logo put on the packaging.



EUCEB is an ISO 9001:2000 certified association.

Moreover, in 2001, the International Agency for Research on Cancer, re-evaluated and reclassified mineral wool (insulation glass wool, rock(stone) wool and slag wool) from Group 2B (possibly carcinogenic) to Group 3 « agent which cannot be classified as for their carcinogenicity to humans». (See Monograph Vol 81, <http://monographs.iarc.fr/>)

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*Person who wish to obtain more detailed information have to contact the producer (address on the first page of this sheet).*

*Information given in this document is on the state of our knowledge regarding this material as of December 10th, 2015.*

*It is given in good faith.*

*The attention of user is drawn to possible risks taken when the product is used for applications other than the ones it has been designed for*

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