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1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE/ARTICLE AND OF THE COMPANY

1.1 Product identifier:

Product Name: URSA glass mineral wool (under various brands)

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

Relevant Identified uses: Thermal and acoustic insulation material for construction and industrial applications

Uses advised against: No uses advised against as defined by REACH. Refer to technical sheets/recommendations for product use

1.3 Details of the supplier of the safe use instructions sheet:

URSA Benelux
Pitantiestraat 127
8792 Waregem-Desselgem
Belgium

1.4 Emergency telephone number:

The product is not containing hazardous substances; emergency telephone number is not relevant.

Technical number: +32(0)56738555

2 HAZARDS IDENTIFICATION

The European Regulation on Registration, Evaluation and Authorisation of Chemicals (EC) No 1907/2006 (REACH) enforced on June 1st 2007 requires Safety Data Sheet (SDS) only for specific substances and mixtures as defined in Art 31. Mineral wool products (panels or rolls), are articles under REACH and therefore, SDS is not legally required. Nevertheless, URSA decides to provide its customers on a voluntary basis with the appropriate information for assuring safe handling and use of mineral wool through this voluntary Safe Use Instructions Sheet/Safety Data Sheet.

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2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No1272/2008 [CLP] is not applicable to articles.

See section 3 for information on ingredients.

2.2 Label Elements

Labelling according to Regulation (EC) No1272/2008 [CLP] is not applicable to articles.

See section 3 for information on ingredients.

2.3 Other Hazards

Classification according to Regulation (EC) No1272/2008 [CLP] is not applicable to articles.

See section 3 for information on ingredients.

3 COMPOSITION / INFORMATIONS on INGREDIENTS

3.1 Substances: Not applicable

3.2 Mixtures/ Articles: Different parts of the articles and contained substances

Material	Substance definition	Identification number	Amount weight (%)	Classification and labelling (EC)No1272/2008
Mineral wool	Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO +BaO) content greater than 18% by weight and fulfilling one of the nota Q conditions	01-2119472313-44-0012	85 – 100%	Not classified
Binder	Polymeric Binder		0 – 15%	Not classified
Facing materials	Without facing, Glass veil, Glass fabrics, pure aluminium, aluminium-Kraft paper and Kraft paper		Depending on the product	Not classified

4 FIRST AID MEASURES

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4.1 Description of first aid measures

Following inhalation: remove from exposure: Rinse the throat and blow nose to clear dust.

Following skin contact: if itching occurs because of mechanical effects of the fibres, remove contaminated clothing and wash skin gently with cold water and soap.

Following eye contact: rinse abundantly with water for at least 15 minutes.

Following ingestion: drink plenty of water if accidentally ingested.

4.2 Most important symptoms and effects, both acute and delayed

The mechanical effect of coarse fibres in contact with throat, skin or eyes may cause temporary itching/inconvenience.

4.3 Indication of any immediate medical attention and special treatment needed

If any adverse reaction or discomfort continues from any of the above exposure, seek medical professional advice.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: water, foam, carbon dioxide (CO₂), and dry powder. Products do not pose a fire hazard in use; however, some packaging materials or facings may be combustible. In large fires in poorly ventilated areas or involving packaging materials, respiratory protection / breathing apparatus may be required.

Unsuitable extinguishing media: None.

5.2 Special hazards arising from the substance or mixture or article

Hazardous combustion products:

Products of combustion from product and packaging - carbon dioxide, carbon monoxide and some trace gases such as ammonia, nitrogen oxides and volatile organic substances.

5.3 Advice for fire-fighters

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The unfaced and faced materials with glass veils, glass fabrics and pure aluminium products are non-combustible, some packaging materials or facings may however be combustible.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

In case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in section 8.

6.2 Environmental precautions

Not relevant.

6.3 Methods and material for containment and cleaning up

Vacuum cleaner or dampen down with water spray prior to brushing up.

6.4 Reference to other sections

See section 8.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Technical Measures: No specific measure. Use preferably a knife. If a power tool is used, it must be equipped with efficient air suction.

Precautions: Ensure adequate ventilation of workplace. See section 8.


Safe Handling Advice: Avoid unnecessary handling of unwrapped product. See section 8.

7.2 Advice on general occupational hygiene

To not eat, drink and smoke in work areas; to wash hands after use; and to remove contaminated clothing and protective equipment before entering eating areas.

7.3 Conditions for safe storage, including any incompatibilities

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Technical Measures: No specific measure, palletised products should be stored in accordance with URSA'S guidance sheet and site-specific risk assessment.

Suitable Storage Condition: Store products removed from pallet and packaging or loose un-palletised product, in a dry location. Materials without packaging should always be stored dry.

Incompatible Materials: None

Packaging Material: Delivered packed in polyethylene film or cardboard on wooden pallet.

7.4 Specific Uses

Observe instructions for use. See section 1.2.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Limit value type	Substance Name	EC-No.	CAS-No.	Occupational Exposure Limit Value	
				Long term	Short term
OEL	Glass fiber	926-099-9	-	1 f/cc	
	PNOC*	926-099-9	-	10 mg/m3	3 mg/m3

PNOC* Particles Not Otherwise Classified

8.2 Exposure controls

No specific requirements.

8.2.1 Appropriate engineering controls

Cutting equipment

8.2.2 Personal Protective Equipment

Individual Protection Equipment

Respiratory Protection: When working in unventilated area or during operations which can generate emission of any dust, wear disposable face mask. Type in accordance with EN 149 FFP1 is recommended.

Hand Protection: Gloves to avoid itching in conformity with EN 388.

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

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Skin Protection: Cover exposed skin.

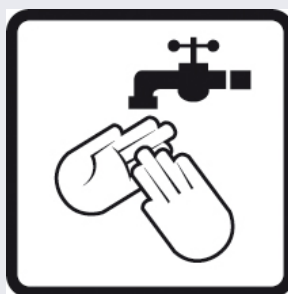
Hygiene Measures: Rinse in cold water before washing.

The following sentence and pictograms are printed on packaging.

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



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



Rinse in cold water
before washing



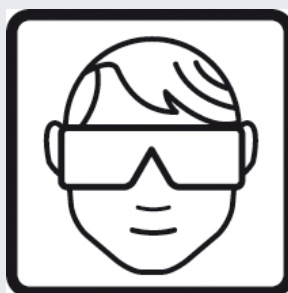
Clean area using
vacuum equipment



Ventilate working area
if possible




Waste should be
disposed of according
to local regulations



Wear goggles when
working overhead

9 PHYSICAL AND CHEMICAL PROPERTIES

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9.1 Information on basic physical and chemical properties

- a) **Appearance:** Solid in form of roll or panel, with and without facing
- b) **Colour:** Green
- c) **Odour:** light odour may occur
- d) **Odour threshold:** not applicable
- e) **pH:** not applicable
- f) **Melting point/freezing point:** not relevant
- g) **Initial boiling point and boiling range:** not relevant
- h) **Flash point:** not relevant
- i) **Evaporation rate:** not relevant
- j) **Flammability (solid, gas):** not relevant
- k) **Explosive limits:** not relevant
- l) **Vapour pressure/density :** not relevant
- m) **Relative density:** from 8 to 100 kg/m³
- n) **Water solubility:** generally chemically inert and insoluble in water.
- o) **Partition coefficient n-octanol/water:** not relevant
- p) **Auto-ignition temperature:** not relevant
- q) **Decomposition temperature:** not relevant
- r) **Viscosity:** not relevant
- s) **Explosive properties:** not relevant
- t) **Oxidising properties:** not relevant

9.2 Other information

Length weight geometric mean diameter less 2 standard errors*: < 6 µm

Orientation of fibres: random

*: CLP Regulation (EC) No 1272/2008, note R

10 STABILITY AND REACTIVITY

10.1 Reactivity

Not reactive under normal conditions of use

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Not reactive

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10.4 Conditions to avoid

None

10.5 Incompatible materials

None

10.6 Hazardous decomposition products

Because organic binders decompose to some extent at operating temperatures above 200 °C, the binders may be burned off in the first heating, depending on the temperature of the boiler or oven.

The presence of workers or other persons in the work area during this period should be avoided, or kept as short as possible. When people remain in the area, they should wear appropriate respirators for the decomposition products generated during this period at boiler or oven start-up. The likely decomposition products, including any toxic gases are carbon dioxides and some trace gases.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

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

12 ECOLOGICAL INFORMATION

12.1 Toxicity

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

12.2 Persistence and degradability

None

12.3 Bio accumulative potential

None

12.4 Mobility in soil

None

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12.5 Results of PBT and vPvB assessment

No required assessment

12.6 Other adverse effects

None

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from residues: Dispose in accordance with regulations and procedures in force in country of use or disposal

Dirty packaging: Dispose in accordance with local regulations.

Code from European Waste Catalogue: 17 06 04 Insulating material with the exception of that falling under 17 06 03

14 TRANSPORT INFORMATION

No specific regulations. Mineral wool products have no constraint **related to rules of transport of** hazardous substances.

14.1 UN No.:

Not applicable.

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.

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14.6 Special precautions for user:

No specific precaution, see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

15 REGULATORY INFORMATION

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

The CLP regulation (EC) No 1272/2008 concerning the classification, labelling and packaging of the substance and the mixtures does not classify mineral wool - glass fibres - as hazardous, if they are in compliance with the note Q exoneration of this Regulation. The CLP regulation is the European implementation of the international Globally Harmonized System ("GHS")

The note Q specifies that classification as suspected carcinogen category 2 does not apply if:

- A short-term bio-persistence test by inhalation has shown that fibres longer than 20µm have a weight half-life less than 10 days, or
- A short-term bio-persistence 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.

15.2 Chemical Safety Assessment

Chemical safety assessment is done at substance level, not applicable for article

16 OTHER INFORMATION

16.1 Review

The content and format of this safety data sheet and its updates are in accordance with the directives of the EC Commission 1999/45/ C, 67/548/EC, 1272/2008/EC and EC regulations 1907/2006 and 453/2010 (REACH).

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Updated according to Regulation EU 2020/878 of the Commission in June 2020.

16.2 Abbreviations

PBT: persistent, bioaccumulative, toxic chemical
vPvB: very persistent, very bioaccumulative chemical
N.A: Not applicable / Not available
PNOC: Particles Not Otherwise Classified

16.3 Bibliographic references

Regulation (EU) 1272/2008 CLP
Regulation (EU) 1907/2006 REACH
Regulation (EU) 2020/878
ECHA web page

16.4. Recommendations for appropriate training

Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in order to facilitate the understanding and interpretation of this safety data sheet, as well as the labelling of the product.

16.5 Notice to readers

The European Union regulation on classification, labelling and packaging of substances and mixtures - (EC) No 1272/2008- defines in the Note Q exoneration criteria for mineral wool fibres, so that the classification as a carcinogen does not apply.

EUCEB stands for the European Certification Board for Mineral Wool Products - www.euceb.org, a non-profit association, whose general purpose is to voluntarily certify the conformity of mineral wool fibres with Note Q of Regulation (EC) No 1272/2008. EUCEB has assigned an independent certification body BCCA (<http://www.bcca.be/>) who controls that products carrying the EUCEB Trademark are meeting the exoneration criteria for any carcinogenicity classification. All mineral wool insulation products labelled with the EUCEB trademark are safe to use and are made of fibres complying with the Note Q criteria.

The EUCEB certification stands for proven and reliable quality according to a precisely defined system of monitoring and controls. It is a confirmation for a high quality of products, which are manufactured in accordance with the requirements laid down in the EUCEB-constitution.

As a result, the customers and consumers of mineral wool products are given a tool with a high value of recognition. A Trademark which may be placed on the packaging of mineral wool products and is, thus, visible at a single glance.



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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, man-made vitreous fibres <http://monographs.iarc.fr/>)

On 22 March 2006, the EU Technical Committee in Classification and Labelling of Dangerous Substances decided to delete the "irritant" classification. That decision was published with the Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, CLP Regulation (EC) No 1272/2008.

On 18 June 2020 Annex II of the (EC) No 790/2009 Regulation was amended by (EC) No 2020/878. This Safety Data Sheet is according to the Regulation.

Any person who wishes to obtain more detailed information has 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 **02/01/2023**. It is given in good faith.*

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.

END OF MATERIAL SAFETY DATA SHEET

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