

Section 1. IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND OF THE COMPANY

1.1 Product identifier

BELTEP - Thermal insulation slabs of mineral wool

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

Recommended use: Is a natural non-inflammable and hydrophobic soundproofing and thermal insulation. BELTEP slabs are used in the construction, renovation, modernization and repair of buildings and structures, regardless of building type and degree of fire resistance.

1.3 Details of the supplier of the Safe Use Instruction Sheet

Producer: JSC «Gomelstroyaterialy»

The Republic of Belarus,
 246010, Gomel, 14, Mogilevskaya Str.
 Tel/fax: +375 (232) 59-52-23, 59-51-52
 E-mail: info@gstrmat.by
 www.aoagsm.by

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

There is no hazard statement associated with this product. BELTEP - heat insulating of mineral wool is not classified as dangerous according to EU Directives 67/548/EEC and 1999/45/EC and its amendments (Regulation (EC) No 1272/2008) on classification, labelling and packaging of substances and mixtures.

2.2 Label elements

The overall conclusion in accordance with the REACH regulation is that there are no hazardous classifications associated with BELTEP of mineral wool in respect to physical, health and environmental considerations.

2.3 Other hazards

Use of high speed cutting tools can generate dust. The mechanical effect of fibres in contact with the skin can cause a temporary itching.

Section 3. COMPOSITION/ INFORMATIONS on INGREDIENTS

Substance	EC number	Weight (%)
Mineral wool	926-099-9	95-98%
Binder		2-5%
Mineral oil		0-0,5%
Silicon emulsion		0-0,5%
Classification and labelling (Regulation (CE) n°1272/2008)	Classification and labelling (European directive 67/548/EEC)	REACH registration number
Not classified	Not classified	01-211-947-2313
Not classified	Not classified	
Not classified	Not classified	
Not classified	Not classified	

Section 4. FIRST AID MEASURES

4.1 Information according to the different exposure route

4.1.1 Inhalation

Remove from exposure. Rinse the throat with cold, potable water and blow nose to clear dust. Leave dusty

area for fresh air. Consult a physician if discomfort persists.

4.1.2 Skin

If itching occurs, remove contaminated clothing and wash skin gently with cold water and mild soap. Do not rub or scratch. Consult a physician if itching persists.

4.1.3 Eye

In case of inconvenience or discomfort, check for and remove any contact lenses. Rinse abundantly with potable cold water for at least 15 minutes. Do not rub eyes. Seek medical attention if inconvenience persists.

4.1.4 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

None required.

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

Section 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Water, foam, carbon dioxide (CO₂), and dry powder.

5.1.2 Unsuitable extinguishing media

None.

5.3. Advice for firefighters

The unfaced products are non combustible, some packaging materials or facings may however be combustible. In large fires in poorly ventilated areas or involving packaging materials respiratory protection / breathing apparatus may be required.

Section 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

None required.

6.3 Methods and materials for containment and cleaning up

Clean with vacuum or dampen with water spray prior to sweeping up.

6.4 Reference to other sections

See section 8 for more details.

Section 7. HANDLING and STORAGE

7.1 Precautions for safe handling

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

Ensure adequate ventilation of workplace. See section 8.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: No special measures necessary.

Suitable storage condition: Products should be stored dry. If possible also materials in Original packaging. Materials without packaging should always be stored dry.

Incompatible materials: None.

Packaging material: Products are packed in polyethylene film and or on wooden pallet

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Workplace exposure limit (WEL) must not be exceeded. (total respirable, 8-hour time weighted averages.) The dust concentration of inhalable fibres will be under normal working conditions less than 0,1 per cm³.

8.2 Exposure controls

8.2.2 Individual protection measures

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

Skin protection: Hand protection: Use gloves to avoid itching in conformity with EN 388.

Other: Cover exposed skin.

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

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



Cover exposed skin. When unventilated area wear disposable face mask



Rinse in cold water before washing



Clean area using vacuum equipment



Wear goggles when working overhead



Waste should be disposed of according to local regulations

Section 9. PHYSICAL and CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Solid slab

Colour: Green-yellow (stone wool)

Odour: Odourless

pH: Not relevant

Melting point: >1000 °C

Boiling point: Not relevant

Flash point: Not relevant

Flammability: Not relevant

Explosive properties: Not relevant

Auto ignition temperature: Non-combustible

Density: Depending on the product from 20 to 205 kg/m³

Water solubility: Generally chemically inert and insoluble in water

Fat solubility: Not applicable

Approximate nominal diameter of fibres : 3 to 6 µm

Orientation of fibres: Random

Section 10. STABILITY AND REACTIVITY

10.1 Reactivity

Not reactive.

10.2 Chemical stability

Stable. Binder will decompose above 200°C.

10.3 Possibility of hazardous reactions

Not reactive.

10.4 Conditions to avoid

None in normal conditions of use.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

When mineral wool is heated to more than 200 °C, this starts a decomposition reaction of the binder, the products of which can be detected by their odour. Emissions usually occur only during the first heating of a mineral wool insulated apparatus. It is advisable to ensure good ventilation when such appliances are first put into service. The decomposition products are those that would be expected from any organic material and are mainly derived from pyrolysis or burning of the resin. These decomposition products, which only occur for a short time, are mainly CO₂, CO, carbon particles and water.

Section 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Acute toxicity

No acute toxicity.

11.1.2 Irritation

In the case of coarser fibres there can be physical effects on skin, upper respiratory system (mucous membranes) and eyes than can cause temporary, self-fading effects (e.g. itching). No chemical effects ensue.

11.1.3 Sensitisation

No sensitization.

11.1.4 Repeated dose toxicity

No repeated dose toxicity.

11.1.5 Carcinogenicity

Classification not applicable for this product; in accordance with the directive 97/69/EC and European Regulation 1272/2008, nota Q.

11.1.6 Mutagenicity

No mutagenicity.

11.1.6 Toxicity for reproduction

No toxicity for reproduction.

Section 12. ECOLOGICAL INFORMATION

12.1 Toxicity

This product is not ecotoxic to air, water or soil, by composition.

12.2 Persistence and degradability

None.

12.3 Bioaccumulative potential

Will not bio-accumulate.

12.4 Mobility in soil

Not considered mobile.

12.5 Result of PBT and vPvB Assessment

No assessment required.

12.6 Other adverse effects

None known

Section 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

13.1.1 Waste from residues

Dispose of in accordance with regulations and procedures in force in country of use or disposal.

13.1.2 Packaging materials

Dispose of in accordance with regulations and procedures in force in country of use or disposal.

13.1.3 Code from European Waste Catalogue

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Section 14. TRANSPORT INFORMATION

14.1 UN Number

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.

14.6 Special precautions for user

None specified.

Section 15. REGULATORY INFORMATION

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

The overall conclusion in accordance with the REACH regulation is that there are no hazardous classifications associated with BELTEP of mineral wool in respect to physical, health and environmental considerations.

15.2 Chemical safety assessment

No assessment required.

Section 16. OTHER INFORMATION

All products manufactured by JSC «GomelstroyMaterialy» are made of non-classified fibres and are certified by EUCEB.

EUCEB, European Certification Board of Mineral Wool Products - 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 97/69/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.



This Safety Data Sheet does not constitute a workplace assessment. Information contained in this document represents the state of our knowledge regarding this product as of the date of issue of the document. Attention of users is drawn to possible risks taken when the product is used for other applications than the ones it has been designed for.