



2. version / 16.9.2016

## SAFETY DATA SHEET (SDS)

Conforms to Regulation (EC) No. 1907/2006 (REACH).

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product name: **ICEROCK Stone wool (form shaped products and loose wool)**  
 REACH Registration number: **01-2119472313-44-0011**

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

Product use: Stone wool products for building, technical and sound insulation. The products are form shaped like slabs, mats or pipe sections or loose wool.

#### 1.3 Details of the supplier of the Safety Data Sheet

Supplier: Steinull hf.  
 Skarðseyri 5  
 550 Sauðárkrókur  
 Tel.: +354 455 3000  
 Fax: +354 455 3019  
 E mail: steinull@steinull.is  
 Home page: www.steinull.is

#### 1.4 Emergency telephone number

Emergency phone for the Iceland Poison Centre at Landspítali University Hospital: +354 543 22 22 (open 24/7).

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]:

No classification.

#### 2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP/GHS]:

No labelling required.

#### 2.3 Other hazards

The mechanical effect of fibres in contact with skin may cause temporary itching. Decomposition of binder above 190°C may produce carbon dioxide and some trace gases.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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#### 3.1 Substances

Main constituent / constituent	CAS-no.	EINECS-no.	Classification	Hazard statements	Conc.
Mineral wool*	-	-	-	-	94-99%
Binder	-	-	-	-	0-4%
Oil	-	-	-	-	0-0,3%

#### Comments regarding the content:

\*Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide content greater than 18% by weight and fulfilling one of the nota Q conditions (acc. Regulation (EC) No. 1272/2008 [CLP/GHS]).

Possible facing materials for formshaped products: glass- or polypropene tissue, paper, polyethene plastic, aluminium foil, a thin metal sheet or a plastic film laminate.

See Section 16 for the full text of the H or P statements declared above.

See Section 2 for the substance hazards identification.

**4. FIRST AID MEASURES****4.1 Description of first aid measures****General:**

*Safety Data Sheet should always be available at the workplace.*

*If suspected health or ailments arises seek immediate medical attention.*

*No action shall be taken involving any personal risk.*

*If unconscious, place in recovery position and get medical attention immediately.*

*Never give anything by mouth to an unconscious person!*

*It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation if the product is toxic, harmful if swallowed or corrosive.*

*Show the doctor the safety data sheet.*

**Inhalation:**

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

**Eyes contact:**

Remove contact lenses, if applicable. Rinse abundantly with water.

**Skin contact:**

If itching occurs because of mechanical effects of the fibers, remove contaminated clothing and wash skin gently with cold water and soap.

**Ingestion:**

Drink plenty of water if accidentally ingested.

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

None known

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

None known

**5. FIREFIGHTING MEASURES****5.1 Extinguishing media**Suitable extinguishing media:

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media:

None known

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

In case of presence of high concentration of dust, use the same personal protective equipment as mentioned in section 8. In the spraying work a full-face fresh air hose breathing apparatus or a mask with safety goggles and a respirator with filter (P2) should be worn.

**6.2 Environmental precautions**

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**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 7.1 and 8.2.

**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**Protective measures:

When installing insulation in unventilated spaces a suitable disposable facemask should be used. When handling product, cover exposed skin. Wear goggles when working with product overhead. Dispose of waste in accordance with local regulations. Clean area using vacuum equipment. If itching occurs, it may be lessened by rinsing in cold water before washing. In the spraying work a full-face fresh air hose breathing apparatus or a mask with safety goggles and a respirator with filter (P2) should be worn.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep material in original packaging protected against humidity and mechanical damage until it is to be used.

**7.3 Specific end use(s)**

Not information available.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****8.1.1 National occupational exposure limits**

Product/ingredient name	TLV <sub>8h</sub>
Mineral wool fibre	1 fibre/cm <sup>3</sup>

**8.2 Exposure controls****Appropriate engineering controls :**

The following sentence and pictograms are printed on the packaging.

When installing insulation in unventilated spaces, wear a suitable disposable face mask.

When handling products, cover any exposed skin. Wear goggles when working with products overhead.

Dispose of waste in accordance with local regulations. Clean the area using vacuum equipment.

If itching occurs, it may be alleviated by rinsing in cold water prior to washing.

**Individual protection measures:****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 FFP2 is recommended.

**Hand protection:**

Gloves to avoid itching in conformity with EN 388.

**Eye / face protection:**

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

**Skin protection:**

Cover exposed skin.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance:	Solid, fibrous,
Color:	Grey
Odour:	Odourless
Melting point/freezing point:	>1000°C stone wool begins to soften and melt.
Flammability (solid, gas):	Non combustible
Relative density:	20-220 kg/m <sup>3</sup>
Solubility(ies):	The products are practically insoluble in water and organic solutions.

**9.2 Other information**

No additional information.

**10. STABILITY AND REACTIVITY****10.1 Reactivity**

Not reactive.

**10.2 Chemical stability**

Stable at intended use.

**10.3 Possibility of hazardous reactions**

Not reactive.

**10.4 Conditions to avoid**

None specified.

**10.5 Incompatible materials**

None specified.

**10.6 Hazardous decomposition products**

None in normal condition of use

**For high temperature uses:**

Thermal decomposition of binder starts above 190°C releasing smelling/odorous gases. The duration and amount of release is dependent upon the thickness of insulation, binder content and the temperature applied. During first heating, good ventilation or appropriate personal protection equipment are required.

**11. TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Acute toxicity**

Not toxic

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

May cause short-term mechanical irritation.

**Respiratory or skin sensitisation**

May cause short-term mechanical irritation.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Not toxic.

**12.2 Persistence and degradability**

Persistent.

**12.3 Bioaccumulative potential**

A very small possibility for water species.

**12.4 Mobility in soil**

A very small possibility.

**12.5 Results of PBT and vPvB assessment**

No assessment required.

**12.6 Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Product:**

Stone wool waste is according to the European waste catalogue classified as non-hazardous waste (code 17 06 04) and can be disposed on a landfill for non-hazardous waste.

**Packaging:**

Dispose of packaging material according to applicable laws and regulations.

Packaging, which can not be cleaned adequately, must be disposed of in the same manner as the substance.

**14. TRANSPORT INFORMATION**

This product is not classified as dangerous goods.

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

The stone wool fibres meet the claims in Note Q according to the European Classification Regulation No 1272/2008 about classification, labelling and packaging (CLP). Icerock stone wool has no classification. All products manufactured by Icerock are made of non-classified fibres and are certified by 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 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.

EU regulations

The substance(s) in this product has (have) been Pre-Registered and/or Registered, or are exempted from registration, according to Regulation (EC) No. 1907/2006 (REACH).

**15.2 Chemical safety assessment**

No information available.

**16. OTHER INFORMATION**

Sections that have changed since the last version are marked with an asterisk.

**Version:** 2.

**Date of issue:** 16.9.2016

**Date of previous issue:** 15.9.2015

This SDS was prepared by Mannvit hf.

Serial no.: OB-100-003-2.100.051

*The information provided herein was believed to be accurate at the time of preparation or prepared from sources believed to be reliable and comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. It is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and regulations applicable to the safe handling and use of the product.*