

# Safe Use Instruction sheet<sup>1</sup>

Date of Issue: 29-1-2024

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Stone wool<sup>2</sup>

Rockflow

RockDelta

### 1.2 Relevant identified uses of the substance or mixture

Identified uses: Rainwater system applications. Noise and vibration damping in track systems.

Uses advised against: No information available.

### 1.3 Details van the supplier of the safe use instruction sheet

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## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Not classified. ROCKWOOL stonewool is not classified as hazardous in accordance with CLP regulation (EC) Nr. 1272/2008.

### 2.2 Label elements

The final conclusion in accordance with CLP, REACH and the Globally Harmonized system (GHS) is that there are no hazard classifications for ROCKWOOL fibres.

### 2.3 Other Hazards

Usage of cutting tools can create dust. If Stonewool is exposed to constant temperatures >150 °C, the binder will slowly decompose. More information can be found in section 8.

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<sup>1</sup> European regulation N° 1907/2006 (REACH) requires a Material Safety Data Sheet (MSDS) for hazardous substances. Mineral wool products (slabs) are articles under REACH and therefore no MSDS is legally required. Nevertheless ROCKWOOL decided to provide customers suitable information by supplying this safety instruction sheet.

<sup>2</sup> This product belongs to the HT wool category (high alumina oxide, low silicate (HT) wool (IARC Monograph 2002)

### 3. Composition / information on ingredients

Bestanddeel	E.C. nummer <sup>3</sup>	Aandeel gewicht (%)	Verordening (EC) N°1272/2008 van het Europees Parlement en de Raad van 16 december 2008 betreffende de indeling, etikettering en verpakking van stoffen en mengsels (versie 1/6/2015)	REACH stof reg. nr.
Stone wool <sup>3</sup>	926-099-9	94-100%	Not classified <sup>4</sup>	01-211-947-2313-44
Binder		0-6%	Not classified	
Other additives		0-0.5%	Not classified	

- The products don't contain SVHC, PBT, vPvB or CMR (Carcinogenic, mutagenic, reprotoxic substances) according to REACH >0,1%.
- The products don't contain CLP classified substances >0,1%.

### 4. First-aid measures

#### 4.1 Information for different exposure routes

##### 4.1.1 Inhalation

Remove from exposure. Rinse throat and clear dust from airways. Rest in a position comfortable for breathing.

##### 4.1.2 Skin

Remove and wash contaminated clothing. Rinse skin with water.

##### 4.1.3. Eyes

Immediately flush eyes thoroughly with water for at least 15 minutes.

##### 4.1.4. Ingestion

Rinse mouth immediately and drink plenty of water.

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

Symptoms or effects after eye contact: May cause physical irritation upon direct contact.

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

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

<sup>3</sup> 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 Note Q conditions of CLP Regulation 1272/2008

<sup>4</sup> Not classified H351 "suspected of causing cancer". ROCKWOOL stone wool fibres are not classified as carcinogenic according Note Q of regulation n° 1272/2008 (IV)

## 5. Firefighting measures

### 5.1 Extinguishing media

#### 5.1.1. Suitable extinguishing media

Water, foam, carbon dioxide (CO<sub>2</sub>), dry powder.

#### 5.1.2. Unsuitable extinguishing media

None known.

### 5.2. Special hazards arising from the substance or mixture

None known.

### 5.3. Advice for firefighters

The uncladded products are non-combustible, Some cladding materials and packaging materials however are combustible.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

In case of high dust concentrations, use the personal protection equipment described in section 8.

### 6.2. Environmental precautions

None required.

### 6.3. Methods and materials for containment and cleaning up

Clean with vacuum cleaner or moisturize before sweeping.

### 6.4. Reference to other sections

See section 8 for more details.

## 7. Handling and storage

### 7.1. Precautions for safe handling

No specific precautions. In case of cutting a knife is preferred. If electrical tools are used then those should be equipped with a suitable dust extraction.

Assure good ventilation and avoid unnecessary handling of product once unwrapped.

Refer to section 8 and section 13.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures                      No special measures necessary.

Suitable storage conditions            Where possible, store product in original packaging. Keep dry and protect against mechanical damage.

Incompatible materials                Geen.

Packaging                                 Products typically packed in polyethylene film, cardboard and/or on wooden pallets.

## 8. Exposure controls / personal protection

Exposure limits: None on EU level. Check guidelines and regulations of member states.

### 8.1. Control parameters

Workplace exposure limit (WEL) may not be exceeded. The dust concentration of airborne fibres is below 0,5 per cm<sup>3</sup> under normal working conditions

### 8.2 Exposure controls

#### 8.2.2 Individual protection measures, such as personal protective equipment

##### (a) Eye protection

Wear safety goggles (EN 166) when working overhead.

##### (b) Skin protection

- |                     |                                 |
|---------------------|---------------------------------|
| (I) Hand protection | Wear protective gloves (EN 388) |
| (II) Other          | Cover skin.                     |

##### (c) Respiratory protection

Respiratory protection (general): Wear face mask (EN 149, FFP1) in confined spaces and during operations that generate any type of dust above relevant exposure limits.

Respiratory protection (high temperature): When first heated at high temperatures not usually found in building applications (above approximately 150°C), the product binder will slowly decompose, and trace gases will be released. When high temperature appliances are first put into service, gases should be vented to control exposure to fumes or appropriate respirators used.

#### The following text and pictograms are printed on product packaging:

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



Ventilate working area if possible.



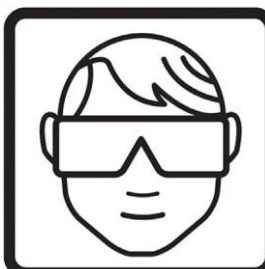
Waste should be disposed of according to local regulations.



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



Clean area using vacuum equipment



Wear goggles working overhead.



Rinse in cold water before washing.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

a.	<b>Physical state</b>	Solid. Product in rol, Slab, blanket.
b.	<b>Colour</b>	Grey-green-yellow
c.	<b>Odour</b>	No distinguishable odour
d.	<b>Odour threshold value</b>	See above. Not applicable
e.	<b>pH</b>	Not applicable
f.	<b>Melting point</b>	>1.000 °C
g.	<b>Boiling point</b>	Not applicable
h.	<b>Flash point</b>	Not applicable
i.	<b>Vapour pressure</b>	Not applicable
j.	<b>Flamability</b>	Not applicable
k.	<b>Ontploffingsgevaar</b>	Not applicable
l.	<b>Auto-ignition temperature</b>	Not applicable
m.	<b>Decomposition temperature</b>	Not applicable
n.	<b>Density</b>	Product dependent (ranging from 20 to 300 kg/m <sup>3</sup> )
o.	<b>Water Solubility</b>	Not soluble in water

## 10. Stability and reactivity

### 10.1. Reactivity

Not reactive.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

None under normal conditions of use.

### 10.4. Conditions to avoid

None under normal conditions of use.

### 10.5. Incompatible materials

None under normal conditions of use.

### 10.6. Hazardous decomposition products

When heated above approx. 150°C for the first time, release of binder decomposition products occurs. See

Section 8.2.

## **11. Toxicological information**

### **11.1. Information on toxicological effects**

**a) Acute toxicity**

Not classified

**b) Irritation**

Not classified

**c) Corrosion**

Not classified

**d) Sensitisation**

Not classified

**e) Toxicity after repeated exposure**

Not classified

**f) Carcinogenicity**

Not classified

**g) Mutagenicity**

Not classified

**h) Reproductive toxicity**

Not classified

## **12. Ecological information**

### **12.1. Toxicity**

None.

### **12.2. Persistence and degradability**

None.

### **12.3. Bioaccumulative potential**

None.

### **12.4. Mobility in soil**

None.

### **12.5. Results of PBT en vPvB assessment**

None.

### **12.6. Other adverse effects**

None.

## **13. Disposal considerations**

### **13.1. Waste treatment methods**

**a) Product waste**

Dispose in accordance with local regulations.

**b) Packaging materials**

Dispose in accordance with local regulations.

**c) European waste catalogue code**

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## **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**

None.

### **14.6 Special precautions for user**

None.

## **15. Regulatory information**

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

Safety data sheets EU and UK regulations do not require a safety data sheet to be provided for ROCKWOOL stone wool insulation products. This Safe Use Instruction Sheet is provided to provide health and safety information in a standardised format. REACH and UK REACH No hazardous classifications are associated with ROCKWOOL stone wool insulation, with respect to physical, health and environmental considerations, in accordance with REACH Regulation (EC) No. 1907/2006; and, accordingly, in accordance with UK REACH. ROCKWOOL stone wool insulation products do not contain substances in concentrations >0.1% by weight on the REACH Candidate List of Substances of Very High Concern (SVHC), the REACH Annex XIV Authorization List or the REACH Annex XVII Restriction List. ROCKWOOL stone wool insulation batts, slabs, rolls, mats and pipe sections are defined as articles in accordance with REACH Regulation (EC) No. 1907/2006. CLP and GB CLP No hazardous classifications are associated with ROCKWOOL stone wool insulation, in accordance with CLP Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures; and, accordingly, in accordance with the GB CLP Regulation.

### **15.2 Chemical safety assessment**

Not required.

## **16. Other information**

ROCKWOOL stone wool fibre is bio-soluble, and is not suspected of being carcinogenic in accordance with CLP Regulation (EC) No. 1272/2008.

All ROCKWOOL stone wool products are made of non-classified fibres and are EUCEB and RAL certified.

ROCKWOOL is a member of the EUCEB voluntary certification scheme, which verifies compliance with the bio-solubility requirements of Note Q, which are specified in CLP Regulation (EC) No. 1272/2008.



Products that comply with EUCER certification can be recognized by the EUCER logo on the package. EUCER is a ISO9001:2000 certified association.



This safe use instruction sheet does not constitute a workplace assessment.

The information provided represents the state of our knowledge regarding this material at the date of its publication.

The information provided does not constitute a product specification and no warranty expressed or implied is hereby made.

The information relates only to the specific material designated when used in applications it has been designed for.

This information may not be valid for such material used in combination with any other materials or in any other processes, unless specified in the text