

# K-Roc®

## Product safety information

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The European Regulation (ER) on Chemicals 1907 / 2006 (REACH) enforced on June 1st, 2007 only requires a Safety Data Sheet (SDS) for hazardous substances and preparations. This product is considered an article under REACH and therefore, no SDS is legally required.

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### 1 Identification

#### 1.1 Product name

Stone wool products.

#### 1.2 Synonyms

Stone wool slabs, sheets, mats, boards, rolls, blowing wool or pipe sections.

#### 1.3 Recommended use

Building, technical, industrial, sound and fire insulation.

#### 1.4 Manufacturer address

Paroc Group Oy, Enegiakuja 3, FI-00180,  
Helsinki, Finland

#### 1.5 Supplier contact details

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### 2 Hazards identification

#### 2.1 Regulatory status

This product is classified as an article. "Article" means an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition (Article 3(3) of REACH).

#### 2.2 GHS classification

This product is not classified hazardous according to GHS criteria. This product is classified as an article according to United Nations GHS 1.3.2.1.1.

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### 3 Composition / information on ingredients

#### 3.1 Comments

- This product contains no substances which at their given concentration are considered to be hazardous to health.
- Mineral wool may cause temporary skin and mucous membrane itching due to the mechanical abrasion effect of fibres.

## 4 First Aid measures

### 4.1 Description of First Aid measures

<b>Eye contact:</b>	DO NOT rub or scratch eyes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical advice / attention.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of cold water. Use a wash cloth to help remove fibres and dust. DO NOT rub or scrub affected area. Remove contaminated clothing and shoes.
<b>Inhalation:</b>	Remove to fresh air.
<b>Ingestion:</b>	Rinse mouth with water and drink water to remove fibres from the throat.

## 5 Firefighting measures

### 5.1 Flammable properties

Unfaced materials are non-combustible. Facings and packaging may be combustible.

### 5.2 Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### 5.3 Protective equipment and precautions for firefighters

As in a fire, wear self-contained breathing apparatus (positive), MSHA / NIOSH (approved or equivalent) and full protective gear.

## 6 Accidental release measures

### 6.1 Personal precautions

- Avoid contact with eyes and skin.

### 6.2 Methods for cleaning up

- Use personal protective equipment as required.
- Avoid creating dust.
- Clean contaminated protective equipment in case of direct contact with the product.

## 7 Handling and storage

### 7.1 Precautions for safe handling

Prevent and / or minimise dust formation, DO NOT breathe dust.

Wear appropriate personal equipment in case of direct contact with the product (breathing filter mask).

Handle in accordance with good industrial hygiene and safety practice.

### 7.2 Storage conditions

Keep product in packaging until use, to minimize potential dust generation.

Products should be kept dry and undercover.

### 7.3 Incompatible materials

None known based on information supplied.

## 8 Exposure controls / personal protection

### 8.1 Exposure guidelines

**Total dust:** 10 mg / m<sup>3</sup>

**Respirable dust:** 4 mg / m<sup>3</sup>

**Respirable MMMF fibre:** 2 f / cm<sup>3</sup>

**Engineering controls:** Provide local exhaust and / or general ventilation to maintain exposure below regulatory and recommended limits.

Dust collection system must be used in transferring operations, cutting or other dust generating processes, such as using power tools.

Vacuum clean-up methods should be used.

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

**Eye / face protection:** Wear safety glasses with side shields (or goggles).

**Skin and body protection:** Wear protective gloves. Wear long sleeved shirt and long trousers.

**Respiratory protection:** When workers are facing airborne particulates / dust concentrations above the exposure limits, they must use an appropriate certified respirator.

A properly fitted disposable P2 type dust respirator or better is recommended.

**General hygiene considerations:** Wash hands before breaks and immediately after handling products.

Remove and wash contaminated clothing before re-use.

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state:</b>	Solid.
<b>Appearance:</b>	Fibrous.
<b>Odour:</b>	Low odour.
<b>Colour:</b>	Greyish-green.
<b>Water solubility:</b>	Insoluble in water.

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## 10 Stability and reactivity

### 10.1 Stability

Stable under normal conditions.

### 10.2 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

### 10.3 Hazardous decomposition products

None known based on information supplied.

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## 11 Toxicological information

### 11.1 Product information

Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation and sneezing. High exposures may cause difficulty breathing, congestion and chest tightness.

### 11.2 IARC (International Agency for Research on Cancer)

In October 2001, the International Agency for Research on Cancer (IARC) classified mineral wool (insulation glass wool, rock(stone) wool and slag wool) as Group 3, "not classifiable as to its carcinogenicity to humans." The 2001 decision was based on human studies and animal research that have not shown an association between inhalation exposure to dust from mineral wool and the development of respiratory disease.

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## 12 Ecological information

This product is not expected to be hazardous for the environment.

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## 13 Disposal considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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## 14 Transport information

This material is not subject to regulation as a hazardous material for shipping.

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## 15 Regulatory information

### 15.1 International inventories

This product is classified as an article. Articles are exempt from registration or listing under chemical inventories like TSCA (USA), DSL / NDSL (CAN), REACH (EU), ENCS (JP), IECSC (CN), KECL (KR), PICCS (PH), AICS (AUS).

### 15.2 European regulation

- This product is classified as an article. See section 2.
- This product contains no REACH substances with Annex XVII restrictions.
- This product contains no REACH candidate substances.
- This product contains no REACH Annex XIV substances.

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## 16 Other information

K-Roc® stone wool products are made from unclassified fibres and are certified by the EUCEB (compliance with European law).

The EUCEB (European Certification Board for mineral wool) is an independent certification body which, through inspections carried out by independent institutes, ensures that the manufactured fibre maintains a composition that meets the solubility requirements of remark Q of Directive 97 / 69 / EG. This means that the fibre is tested and cannot be classified as carcinogenic. This is made visible by the EUCEB label on packaging.

The information contained here is offered in good faith and is based on our current knowledge.

We thereby withhold the right to update and amend this document as necessary.

The information should not be taken as guarantee of specific performance and users should make their own assessment and make all applicable personnel aware accordingly.

The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application.

Users should visit the Kingspan Insulation website or contact the Kingspan Insulation Technical Services Department to ensure information is current.

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# Contact details

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