

Date: 26.11.2012

Former date: 29.10.2010

(\*) concerns only chemical notification

(\*\*) either 3.1 or 3.2 must be filled

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier****Trade name / Substance name**

PAROC stone wool (form shaped)

**Company product code**

-

**REACH Registration number**

01-2119472313-44-0007 Paroc Oy Ab, Finland

01-2119472313-44-0017 Paroc Ab, Sweden

01-2119472313-44-0020 Paroc Polska sp. z o.o., Poland

01-2119472313-44-0014 UAB Paroc, Lithuania

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

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

**Classification of economic activities (NACE) (\*)** 268**Use categories (UC62) (\*)** 32**The chemical can be used by the general public (\*)** x**The chemical is used by the general public only (\*)****1.3 Details of the supplier of the Safety Data Sheet****Supplier**

Paroc Group

**Street address**

Energiakuja 3

**Postcode and post office**

00180 Helsinki

**Post-office box**

P.Box 240

**Postcode and post office**

00181 Helsinki

**Telephone number**

+358 46 876 8000

**Telefax**

+358 46 876 8002

**E-mail address**

Communications@paroc.com

**Finnish Business ID (Y code) (\*)****1.4 Emergency telephone number**

-

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Paroc stone wool has no classification.

**2.2 Label elements**

-

**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.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances (\*\*)**

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Main constituent / constituent	CAS-, EC- or index number	Concentration
Mineral wool (1)	Not classified	95 – 99 %
Binder	Not classified	1 – 5 %
Oil	Not classified	0,1 – 0,5 %

- (1) 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 nota Q conditions

Possible facing materials: glass mat, polyester mat, aluminium foil or paper

### 3.2 Mixtures (\*\*)

Substance name	CAS-, EC- or index number	REACH Registration No.	Concentration	Classification

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation: Remove from exposure. Rinse the throat and blow nose to clear dust.  
Skin contact: If itching occurs because of mechanical effects of the fibres, remove contaminated clothing and wash skin gently with cold water and soap.  
Eyes contact: Rinse abundantly with water.  
Ingestion: Drink plenty of water if accidentally ingested.

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

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

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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

There are no special demand for extinguishing media. Normal extinguishing media can be used.

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

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### 5.3 Advice for firefighters

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## SECTION 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.

### 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.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

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.

### 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)

-

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

National occupational exposure limit values

**Trade name:** PAROC stone wool (form shaped products)

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Mineral wool fibre 1 fibre/cm<sup>3</sup> (FI, SWE, LT)

**Other limit values**

Inorganic dust 10 mg/m<sup>3</sup> (FI, SWE, LT) and 0,4 mg/m<sup>3</sup> (PL)

**DNEL**

-

**PNEC**

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## 8.2 Exposure controls

### Appropriate engineering controls

The following sentence and pictograms are printed on the packaging.

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



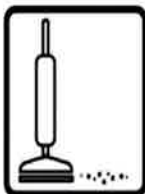
Ventilate working area if possible



Waste should be disposed of according to local regulations



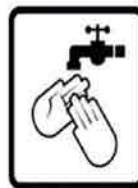
Cover exposed skin.  
When working in unventilated area wear disposable face mask



Clean area using vacuum equipment



Wear goggles when working overhead



Rinse in cold water before washing

### Eye / face protection

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

### Skin protection

Cover exposed skin.

### Hand protection

Gloves to avoid itching in conformaty with EN 388.

### 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.

### Thermal hazards

-

### Environmental exposure controls

-

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Solid, fibrous, grey
Odour	Odourless
Odour threshold	-
pH	-
Melting point/freezing point	Over 1000°C stone wool begins to soften and melt

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Initial boiling point and boiling range	-
Flash point	-
Evaporation rate	-
Flammability (solid, gas)	Non combustible
Upper/lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	20-250 kg/m3
Solubility(ies)	The products are practically insoluble in water and organic solutions.
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

## 9.2 Other information

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

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### 10.2 Chemical stability

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### 10.3 Possibility of hazardous reactions

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### 10.4 Conditions to avoid

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### 10.5 Incompatible materials

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### 10.3 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.

## SECTION 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.

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**Serious eye damage/irritation**

May cause short-term mechanical irritation.

**Respiratory or skin sensitisation**

May cause short-term mechanical irritation.

**Germ cell mutagenicity**

-

**Carcinogenicity**

-

**Reproductive toxicity**

-

**STOT-single exposure**

-

**STOT-repeated exposure**

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**Aspiration hazard**

-

**Other information**

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**SECTION 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**

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**12.6 Other adverse effects**

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

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.

**SECTION 14: TRANSPORT INFORMATION**

**14.1 UN number**

-

**14.2 UN proper shipping name**

-

**14.3 Transport hazard class(es)**

-

**14.4 Packing group**

-

**14.5 Environmental hazards**

-

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**14.6 Special precautions for user**

-

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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**SECTION 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). Paroc stone wool has no classification.

All products manufactured by Paroc are made of non-classified fibres and are certified by EUCEB. 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.

The products conform to the EUCEB certification. The EUCEB logo on the package is a proof of that.



**15.2 Chemical safety assessment**

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**SECTION 16: OTHER INFORMATION**

**Indication of changes**

Section 1.3, section 2.1, section 3.1, section 4.1, section 6.1, section 7.1, section 8.2, section 9, section 10, section 11, section 12, section 15

**Abbreviations and acronyms**

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**Key literature references and sources for data**

See section 15.

**Used method in evaluating classification**

See section 15.

**List of relevant R-and S-phrases or/and safety and precautionary statements**

No safety or precautionary statements.

**Training advice for workers**

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