

Date: 9.9.2016

Former date: 9.7.2015

(*) 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**

Product information: +358 46 876 8000

Operation hours: 8:00 – 17:00

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**Paroc stone wool has no classification¹**2.2 Label elements**

Not applicable

¹The European Regulation (ER) on Chemicals N° 1907/2006 (REACH) enforced on June 1st 2007 requires Material Safety Data Sheet (MSDS) only for hazardous substances and mixtures/preparations. Mineral wool products (slabs, mats, pipe sections or loos wool), are articles under REACH and therefore, MSDS is not legally required. Nevertheless, Paroc Group decides to provide its customers with the appropriate information for assuring safe handling and use of mineral wool through this MSDS.

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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 ()**

Main constituent / constituent	CAS-, EC- or index number	Concentration
Mineral wool ²	Not classified	95 – 99 %
Binder	Not classified	1 – 5 %
Oil	Not classified	0,1 – 0,5 %

² Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+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

The mechanical effects of fibers can cause temporary itching

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable

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

Not applicable

5.3 Advice for firefighters

Not applicable

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

Not applicable

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.

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7.3 Specific end use(s)

Not applicable

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

Mineral wool fibre 1 fibre/cm³ (FI, SWE, LT)

Other limit values

Inorganic dust 10 mg/m³ (FI, SWE, LT) and 0,4 mg/m³ (PL)

DNEL

Not applicable

PNEC

Not applicable

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”



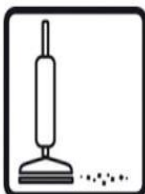
Ventilate working area if possible



Waste should be disposed of according to local regulations



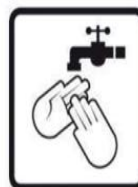
Cover exposed skin.
When working in unventilated area wear disposable face mask



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 conformity 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

Not applicable

Environmental exposure controls

Not applicable

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid, fibrous, grey
Odour	Odourless
Odour threshold	Not applicable
pH	Not applicable
Melting point/freezing point	Over 1000°C stone wool begins to soften and melt
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Non combustible
Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Relative density	20-250 kg/m ³
Solubility(ies)	The products are practically insoluble in water and organic solutions.
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable

9.2 Other information

Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not applicable

10.2 Chemical stability

Not applicable

10.3 Possibility of hazardous reactions

Not applicable

10.4 Conditions to avoid

Not applicable

10.5 Incompatible materials

Not applicable

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.

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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.

Serious eye damage/irritation

May cause short-term mechanical irritation.

Respiratory or skin sensitisation

May cause short-term mechanical irritation.

Germ cell mutagenicity

Not applicable

Carcinogenicity

Not applicable

Reproductive toxicity

Not applicable

STOT-single exposure

Not applicable

STOT-repeated exposure

Not applicable

Aspiration hazard

Not applicable

Other information

Not applicable

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

Not applicable

12.6 Other adverse effects

Not applicable

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

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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 Not applicable
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

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 and RAL.

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 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 and RAL certification. The EUCEB and RAL logo on the package is a proof of that.



15.2 Chemical safety assessment

Not applicable

SECTION 16: OTHER INFORMATION

Indication of changes

Clarification in section 2

Abbreviations and acronyms

Not applicable

Key literature references and sources for data

See section 15.

Used method in evaluating classification

See section 15.

List of relevant H-and P-phrases or/and safety and precautionary statements

No safety or precautionary statements.

Training advice for workers Not applicable