September 2022, Revised September 2026
Approved: CJK/RTK
Market scope: Denmark, Finland, Norway, Sweden

ROCKWOOL Nordics

Handling instructions for ROCKWOOL stone wool insulation

(Safe Use Instruction Sheet) – supporting a safe and clean work environment

1. Products covered and contact details

These instructions cover ROCKWOOL Stone Wool products with the following intended uses:

- Thermal building insulation
- Passive fire protection
- Technical building insulation
- External roof insulation
- External façade insulation

The instructions cover ROCKWOOL products brought to the Nordic market by ROCKWOOL Danmark A/S.

Please contact local Technical service department for support:

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2. Why Mineral wool insulation does not require a Safety Data Sheet

This document is not a Safety Data Sheet, but serves as a handling instruction sheet supporting a safe and healthy work environment.

ROCKWOOL stone wool insulation is defined as an “Article”, why a Safety Data Sheet is not required.

An article is described as: *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*

This means that ROCKWOOL stone wool is similar to other common construction products such as bricks, wooden beams etc.

ROCKWOOL stone wool products are not classified as hazardous and thus not labelled in relation to European chemicals regulation (REACH, CLP etc)

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3. Content

Component	Content
Stone wool (EC 926-099-9)[1] [2]	95-97%
Bakelit type binder (No CAS/EC number)	1-5%
Mineral Oil (CAS No. 101316-69-2)[3]	<0.5%

[1] Biosoluble synthetic vitreous (silicate) fibres (HT) without definite orientation and containing by weight more than 18 % of alkaline oxides and alkaline soil oxides (Na2O + K2O + CaO + MgO + BaO). The fibres meet biosolubility requirements as described in Note Q of Directive 97/69/EEC and Regulation No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP Regulation).

[2] ROCKWOOL stone wool products carry the EUCEB certificate, ensuring agreement with the CLP Regulation/Note Q.

[3] <3% DMSO extract

Possible facing materials: Mineral fleece, Aluminium foil, Craft paper, Wired mesh, PE fleece

No hazard markings attached to the insulation materials or sub-components.

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4. If you experience discomfort while handling ROCKWOOL stone wool products (first aid)

Situation	Action
Inhalation of dust	Walk away from the work area. Rinse nose and throat to remove dust.
Skin irritation	Remove work clothes and rinse the skin with cold water and soap.
Eye irritation	Rinse with water.

Seek medical attention if any discomfort persists.

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5. In case of fire

ROCKWOOL stone wool is non-combustible and will not contribute to fire development. Packaging and certain coatings may be flammable.

Conventional fire extinguishing methods are applicable.

In the event of a fire, the binder will decompose and small amounts of combustion products (carbon dioxide, carbon monoxide and trace gases) will occur.

Observe normal fire-fighting procedures.

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6. Maintaining a clean work environment

See “7. Storage and handling” and “8. Mineral wool handling guidelines”.

National occupational exposure limits:

Country	Exposure Limits
Denmark	Mineral dust, inert: (8h: 10 mg/m³, 15-min: 20 mg/m³) Mineral dust, inert, respirable: (8h: 5 mg/m³, 15-min: 10 mg/m³) Stenuldsfibre: (8h: 1 fibre/cm³, 15-min: 2 fibres/cm³)
Finland*	Inorganic dust: 10 mg/m³ Respirable fibres: 1 fibre/cm³
Norway*	Total dust: 10 mg/m³ Respirable dust: 5 mg/m³ Respirable fibres: 1 fibre/cm³
Sweden	Inhalable dust, (inorganic): 5 mg/m³ Respirable dust (inorganic): 2.5 mg/m³ Respirable fibres: 1 fibre/cm³

*Time Weighted Average air concentration over an eight-hour workday.

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7. Storage and handling

Storage

- Products should be stored clean and dry and in original packaging.

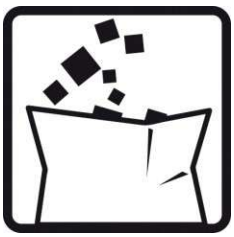
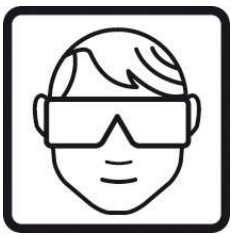
Handling

- Open packaging at the workplace only.
- Keep the workplace clean and ensure good ventilation.
- Always cut with a sharp knife such as a ROCKWOOL knife.
- Fast cutting tools must be equipped with mechanical extraction.
- Always clean the workplace with a vacuum cleaner or wet with water spray before sweeping.
- Remove waste and excess material from the workplace continuously.

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8. Mineral wool handling guidelines (Exposure/Personal protection)

Area	Guidelines
Respiratory protection	Ensure proper ventilation. In unventilated areas or when airborne particulates are above exposure limits P2 respirators (EN 149 FFP1) are recommended.
Skin/body	Wear suitable work gloves (EN 388). Wear long-sleeved sweater and trousers.
Eyes	Always use work goggles when working above head height.
General hygiene	Wash hands with cold water after handling products. Remove and wash clothes worn during working with the product.

	**Cover exposed skin Use disposable dust mask when working in unventilated area**		**Rinse with cold water before washing**
	**Always use a vacuum cleaner when cleaning**		**Ventilate when possible**
	**Dispose of waste according to local regulations**		**Wear safety glasses when working above head height.**

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

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9. Physical description of the product

Property	Description
Form	Solid form as rolls, slabs, matts, batts, pipe sections or granulate.
Colour	Grey-green.
Odour	Weak odour may occur.
Density	20 to 500 kg per m³ depending on product.
Fire property	Stone wool is non-combustible (ISO 1182).
Melting point	> 1000 °C.
Solubility	Not water-soluble.

10. Stability/reactivity

The product is stable and will maintain its properties within the structure of the building.

ROCKWOOL stone wool is non-combustible and will not contribute to fire development. At temperatures above approx. 150 °C a thermal degradation of the binder will occur and decomposition gases will be emitted.

11. Toxicology

Term	Effects
Short term	Contact with the skin can cause temporary itching. The fibres can cause a temporary discomfort in the eyes, mucous membranes, nose and respiratory tract.
Long term	Prolonged or frequent exposure to a high dust environment may cause chronic respiratory problems if not prevented by personal protective measures and/or engineering controls such as local exhaust.

12. Environment

The product has no known harmful environmental effects for humans, animals, plants or the environment with normal use.

13. Disposal

ROCKWOOL stone wool products can be recycled via the ROCKWOOL Rockcycle return scheme or landfilled as mineral waste.

European Waste Code: 17 06 04.

Packaging is disposed of in accordance with local regulations.

14. Transportation requirements

None.

15. Relevant legislation and external references

General:

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006, Annex VI — Note Q
- EU Regulation (EC) No 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- European Certification Board for Mineral Wool Products (EUCEB): euceb.org.

Denmark:

- Arbejdstilsynets bekendtgørelse nr. 1399 af 25. juni 2021 om arbejde med montering og nedrivning af isoleringsmaterialer indeholdende syntetiske mineralfibre.
- Mineraluldindustriens Brancheråd (MBR), Mineraluldindustriens guide til montering og nedrivning af mineraluld, Juni 2021.
- Arbejdstilsynets bekendtgørelse nr. 613 af 29. juni 2026 om grænseværdier for stoffer og materialer.

Finland:

- Sosiaali- ja terveysministeriön julkaisuja 2025:4: HTP-ARVOT 2025 Haitallisiksi tunnetut pitoisuudet.

Norway:

- Arbeidstilsynet, FOR-2011-12-06-1358, latest amendments 2026): Forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier).
- Norima, 2021: Mineralull, Gode Råd og informasjon om arbejd med mineralull.

Sweden:

- AFS 2023:14 (senaste ändringar 2025:5 & 2025:2), Hygieniska gränsvärden Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden.
- Swedisol, God arbetsmiljö vid montering av mineralull.

Closing comment

Information contained herein, while accurate to the best of our knowledge, is intended as a health and safety guide and should not be construed as a warranty for any specific properties. ROCKWOOL can accept no liability for damages incurred by the use of this material.

It is the responsibility of the user to comply with all applicable local and national laws and regulations, and nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.

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