

SAFETY INFORMATION SHEET



Part of the ROCKWOOL Group

(EG)1907/2006 (REACH) enforced on June 1st 2007 requires SDS only for hazardous substances and mixtures/preparations. The Note Q fibre has been defined as non-hazardous. This Safety Information Sheet has been made up to the rules in (EC) No 1272/2008 to be as informative as possible.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Mineral fibres according Note Q
EC no : 926-099-9
Synonyms : Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, CoatForce®, Lapinus®, RIF41001, RIF48003, ROCKWOOL

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Reinforcement in composites.

1.2.2. Uses advised against

No uses advised against

1.3. Details of the supplier of the safety information sheet

Lapinus
ROCKWOOL B.V.
Industrieweg 15
6045 JG Roermond
T +31 475 353 555 – F +31 475 353 677
ra@lapinus.com

1.4. Emergency telephone number

Emergency number : +31 653368588
(business hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Man-made vitreous (silicate) fibres (MMVF) with random orientation with alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content greater than 18 % by weight]	(EC no) 926-099-9 (EC index no) 650-016-00-2 (REACH-no) 01-21 19472313-44	98 - 100	Not classified according to Note Q

Full text of R-, H- and EUH-phrases: see section 16

SECTION 4: First aid measures**4.1. Description of first aid measures**

- First-aid measures general : If exposure symptoms persist, seek medical attention.
 First-aid measures after inhalation : Move to fresh air.
 First-aid measures after skin contact : Rinse skin with cold water. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.
 First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Call a physician.
 First-aid measures after ingestion : Rinse mouth immediately and drink plenty of water.

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

- Symptoms/injuries after eye contact : May cause physical irritation upon direct contact.

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

Treat symptomatically.

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

- Suitable extinguishing media : Water spray, carbon dioxide (CO₂), dry chemical powder, foam.
 Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : The product itself does not burn.
 Explosion hazard : not explosive.

5.3. Advice for fire-fighters

- Fire-fighting instructions : Use self-contained breathing apparatus when in close proximity to fire. Wear proper protective equipment.
 Protective equipment for fire-fighters : Wear a self contained breathing apparatus. Wear recommended personal protective equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

- General measures : Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

6.1.1. For non-emergency personnel

- Protective equipment : Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. Refer to section 8.

6.1.2. For emergency responders

- Protective equipment : In case of inadequate ventilation wear respiratory protection. Refer to section 8.
 Emergency procedures : Stop leak if safe to do so. Evacuate and limit access.

6.2. Environmental precautions

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Refer to sections 8 and 13.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Do not use a dry brush as dust clouds or static can be created. Wet dust with water before sweeping. Spilled material should be removed immediately to avoid formation of dust from dried material. Use clean-up methods that avoid dust generation (vacuum wet).

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Precautions for safe handling : Unpack material at application site to avoid unnecessary handling of product. Keep work area clean. Collect all waste in suitable and labelled containers and dispose according to local legislation. Wet dust with water before sweeping. Dust must be exhausted directly at the point of origin.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Store tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limit (WEL) must not be exceeded. (total respirable, 8-hour time weighted averages). The dust concentration of inhalable fibres will be under normal working conditions less than 0,1 per cm³.

8.2. Exposure controls

Personal protective equipment : Gloves. Insufficient ventilation: wear respiratory protection. Protective clothing. Safety glasses.



Hand protection : Wear suitable gloves tested to EN374.
 Eye protection : Tightly fitting safety goggles. DIN EN 166.
 Skin and body protection : Wear work clothes with long sleeves
 Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
 Other information : Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state : Solid
 Appearance : Fibres.
 Colour : grey. green. whitish.

odour	: No data available
Odour threshold	: No data available
pH	: 7 – 8
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: > 1000 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: not applicable
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 2.75 g/cm ³
Solubility	: Water: Insoluble in water
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidising properties	: Not oxidizing
Explosive limits	: Not explosive.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous polymerisation does not occur.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, bases.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Irritation	: Not classified
	pH: 7 – 8
Corrosivity	: Not classified
	pH: 7 – 8
Sensitisation	: Not classified

Repeated dose toxicity : Not classified
 Carcinogenicity : Not classified
 Mutagenicity : Not classified
 Toxicity for reproduction : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general : This product is not hazardous.

12.2. Persistence and degradability

Mineral fibres according Note Q	
Persistence and degradability	Product is not easily biodegradable.

12.3. Bioaccumulative potential

Mineral fibres according Note Q	
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

Mineral fibres according Note Q	
Ecology – soil	No information available.

12.5. Results of PBT and vPvB assessment

Mineral fibres according Note Q	
Results of PBT assessment	The substance does not fulfil the PBT/ vPvB criteria

12.6. Other adverse effects

Other adverse effects : No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Comply with local regulations for disposal.

Additional information : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

No dangerous good in sense of transport regulations

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

Other information : Not applicable.

14.6. Special precautions for user

Special transport precautions : Not applicable.

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code : Not applicable.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

EC number has been changed.

Sources of Key data : SDS – Safety Data Sheet.

Abbreviations and acronyms

: ACGIH (American Conference of Government Industrial Hygienists). ASTM – American Society for Testing and Materials . CAS – Chemical Abstracts Service. CAS (Chemical Abstracts Service) number. CLP – Classification, Labelling and Packaging. CSR – Chemical Safety Report. DIN – Deutsches Institut für Normung eV (German Institute for Standardization). EC – European Community. EEC – European Economic Community. FRP: fiberglass-reinforced plastics. GESTIS: Gefahrstoffdaten banken (Database on hazardous substances). GHS – Globally Harmonised System. GPPS: general purpose polystyrenes. HCS – Hazard Communication Standard. HIPS: high impact polystyrenes. HMIS – Hazardous Materials Identification System. IARC (International Agency for Research on Cancer). MSDS – Material Safety Data Sheet. Occupational Safety and Health Administration (OSHA) : OSHA – Occupational Safety and Health Administration. Overland transport (ADR). PVA (Polyvinyl alcohol). PVC (Polyvinyl chloride). REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals. UP: Unsaturated polyester. SDS – Safety Data Sheet . VCI – volatile corrosion inhibitor. VE: epoxy vinyl ester.

Other information : The CAS number under which the Note Q fibres fall is 65997-17-3. Under this number the fibres are registered in the chemical registry systems in most countries in the world. This CAS number however is very broad. The specific chemistry of the bio-soluble fibre has been laid down in the CASnumber 287922-11-6 and 1010446-98-6 and can be tracked in the CAS Registry System only.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

End of Safety Information Sheet