

Safety Information Sheet



Version 1.0
Date of Issue 30/06/2022
Date of First Issue 30/06/2022

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830 AS AMENDED BY UK REACH REGULATIONS SI 2019/758

(EC) No 1272/2008 requires SDS only for hazardous substances and mixtures / preparations. The Mineral fibres according to Note Q fibre has been defined as non-hazardous. The 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
Product code Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, CoatForce®, Lapinus®, RIF41001, RIF48003, ROCKWOOL®
CAS No. Not applicable - Mixture
EINECS No. Not applicable - Mixture

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

Identified Use(s) Additive in composites
Uses advised against Anything other than the above.

1.3 Details of the supplier of the safety data sheet

Company Identification
Lapinus
ROCKWOOL B.V
Delfstoffenweg 2
6045 JG Roermond
Netherlands
Lapinus
ROCKWOOL B.V
P.O. Box 1160
6040 KD Roermond
Netherlands

Telephone +31 475 353 555
E-mail (competent person) ra@lapinus.com

1.4 Emergency telephone number

National Poisons Information Service (United Kingdom) +44 (0) 3448 920111
NHS 24 111
Emergency Phone No. +31 475 353 555
Languages spoken English
24 hr. emergency phone number
Healthcare Professionals ONLY
Members of Public
Monday to Friday, 09:00 – 17:00 (GMT +1)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain Not classified

2.2 Label elements

According to the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain
Product name Mineral Fibres according Note Q
Contains: Not applicable.
Hazard Pictogram(s) None assigned
Signal Word(s) None assigned
Hazard Statement(s) None assigned
Precautionary Statement(s) Not applicable.
Supplemental information Not applicable

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2.3 Other hazards

Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable

3.2 Mixtures

Classification: The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Chemical identity of the substance	%W/W	CAS No.	EC No.	UK-REACH Registration No.	Hazard classification
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]	98 -100	65997-17-3*	926-099-9	01-2119472313-44	Not classified - According to Note Q [^]

Not hazardous according to current CLP Regulations. No component of this mixture is included above the relevant concentration levels detailed within section 3.2.1 of SDS regulation 2020/878.

*Generic CAS No. 65997-17-3, Specific CAS No. 287922-11-6 and 1010446-98-6. See Section 16 for details.

[^] See section: 11

This product does not contain crystalline silica

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

Inhalation

Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid breathing dust. Avoid contact with skin, eyes or clothing.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. Remove to fresh air immediately. Make victim drink water. Wash hands before breaks and after work.

Skin contact

IF ON SKIN (or hair): Wash with plenty of water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms develop, obtain medical attention. If irritation occurs, do not rub or scratch, rinse under running water prior to washing thoroughly with water.

Ingestion

IF SWALLOWED: Do not induce vomiting wash out mouth with water. If symptoms occur obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

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SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
Suitable extinguishing media Non-combustible. Does not support combustion. Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions. Foam, water spray or fog.
Unsuitable extinguishing media Do not use water jet. Direct water jet may spread the fire.
- 5.2 Special hazards arising from the substance or mixture** None known.
- 5.3 Advice for firefighters** Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Wear suitable protective clothing. Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Take off contaminated clothing and wash it before reuse. In case of inadequate ventilation wear respiratory protection.
- 6.2 Environmental precautions** Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.
- 6.3 Methods and material for containment and cleaning up** Stop leak if safe to do so. Use vacuum equipment for collecting spilt materials, where practicable. Damp down to avoid dust generation. Transfer to a lidded container for disposal or recovery. Avoid dust generation. Respiratory protection is not necessary if room is well ventilated.
- 6.4 Reference to other sections** See Section: 8,13

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Ensure operatives are trained to minimise exposures. Ensure adequate ventilation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Ensure suitable personal protection during removal of spillages. Good hygiene practices and housekeeping measures. Keep good industrial hygiene. Do not eat, drink or smoke at the work place.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep only in the original container/package in a cool well-ventilated place. Keep away from food, drinks and animal food. Keep container tightly closed.
storage temperature Store at room temperature.
Incompatible materials Avoid contact with moisture. Keep away from: Humidity
- 7.3 Specific end use(s)** See Section: 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.1 Occupational exposure limits** The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m³ (8hr TWA) total inhalable dust; 4 mg/m³ (8hr TWA) total respirable dust.
- 8.1.2 Biological limit value** Not established.
- 8.2.1 Appropriate engineering controls** Ensure adequate ventilation Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.

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8.2.2 Individual protection measures, such as personal protective equipment Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke at the work place.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye/ face protection



Use eye protection according to EN 166, designed to protect against liquid splashes.

Skin protection



Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested to EN374 with an acceptable permeation test. Contaminated gloves should be carefully rinsed with water before reuse.

Respiratory protection



Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Not applicable

8.2.3 Environmental exposure controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid Grey / Green Fibres
Odour	Not established
Odour threshold	Not established
pH	7 - 8
Melting point/freezing point	> 1000 °C
Initial boiling point and boiling range	Not established
Flash point	Not applicable
Evaporation rate	Not established
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits	Not established
Vapour pressure	Not established
Vapour density	Not established
Relative density	2.7 – 2.8
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition temperature	Not established
Viscosity	Not applicable
Explosive properties	Not explosive
Oxidising properties	Not oxidising

9.2 Other information No information available.

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SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions
10.2	Chemical stability	Stable under normal conditions
10.3	Possibility of hazardous reactions	None anticipated. Product is not classified as flammable, but will burn on contact with flame or exposure to high temperature. Hazardous polymerisation will not occur.
10.4	Conditions to avoid	Keep away from: Acids, Alkalis, humidity
10.5	Incompatible materials	Avoid contact with moisture. Keep away from: Humidity
10.6	Hazardous decomposition products	Carbon monoxide, Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
	Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
	Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 >5 mg/l (Dust/Mist)
	Acute toxicity - Skin contact	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
	Skin corrosion/irritation	Mixture: Based upon the available data, the classification criteria are not met.
	Serious eye damage/irritation	Mixture: Based upon the available data, the classification criteria are not met.
	Respiratory or skin sensitisation	Mixture: Based upon the available data, the classification criteria are not met.
	Germ cell mutagenicity	Mixture: Based upon the available data, the classification criteria are not met.
	Carcinogenicity	Mixture: Based upon the available data, the classification criteria are not met. IARC Classification: Group 3. Not classifiable as to its carcinogenicity to humans.
		Note Q: Data shows that the classification as a carcinogen need not apply if it can be shown that the substance fulfils one of the following conditions: — a short term biopersistence test by inhalation has shown that the fibres longer than 20 µm have a weighted half-life less than 10 days; or — a short term biopersistence test by intratracheal instillation has shown that the fibres longer than 20 µm have a weighted half-life less than 40 days; or — an appropriate intra-peritoneal test has shown no evidence of excess carcinogenicity; or — absence of relevant pathogenicity or neoplastic changes in a suitable long term inhalation test.
	Reproductive toxicity	Mixture: Based upon the available data, the classification criteria are not met.
	STOT - single exposure	Mixture: Based upon the available data, the classification criteria are not met.
	STOT - repeated exposure	Mixture: Based upon the available data, the classification criteria are not met.
	Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
11.2	Other information	None Known

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Mixture: Based upon the available data, the classification criteria are not met.
12.2	Persistence and degradability	Not readily biodegradable
12.3	Bioaccumulative potential	Low bioaccumulative potential
12.4	Mobility in soil	The product is predicted to have low mobility in soil. Insoluble in water
12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None Known.

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SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 **Waste treatment methods** Disposal should be in accordance with local, state or national legislation.
13.2 **Additional information** No information available.

SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

- | | ADR/RID | IMDG | IATA/CAO |
|--|---|---------------------------------------|----------------|
| 14.1 UN number | None assigned | None assigned | None assigned |
| 14.2 UN proper shipping name | None assigned | None assigned | None assigned |
| 14.3 Transport hazard class(es) | None assigned | None assigned | None assigned |
| 14.4 Packing group | None assigned | None assigned | None assigned |
| 14.5 Environmental hazards | Not classified | Not classified as a Marine Pollutant. | Not classified |
| 14.6 Special precautions for user | See Section: 2 | | |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | No information available. No information available. No information available. | | |

SECTION 15: REGULATORY INFORMATION

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- 15.1.1 **EU regulations**
- | | |
|---|--|
| Authorisations and/or restrictions on use | Not restricted |
| Use restriction according to REACH annex XVII, no.: Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive] | Not applicable |
| Directive 2010/75/EU on industrial emissions | Not applicable |
| To follow: | Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work |
- 15.1.2 **GB regulations** Not restricted
- 15.1.2 **National regulations** Not restricted
- 15.2 **Chemical Safety Assessment** A chemical safety assessment is not required under REACH.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: V1.0 - not applicable

Sections indicated with the following have been revised:

References:

Existing Safety Data Sheet (SDS)
Existing ECHA registration for Glass, oxide, chemicals (CAS No. 65997-17-3).

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 CAS number 287922-11-6 and 1010446-98-6 and can be tracked in the CAS Registry System only.

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Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830. Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LTEL	Long term exposure limit
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.