

Safety Information Sheet



Version 1.1
Date of Issue 8th July 2019
Date of First Issue 13th December 2018

(EC) No 1272/2008 requires SDS only for hazardous substances and mixtures / preparations. The Mineral fibre according Note Q 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	
Other Means of Identification	Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, CoatForce®, Lapinus®, RIF41001, RIF48003, ROCKWOOL®	
1.2 Recommended use and restrictions		
Recommended use	Additive in composites	
Restrictions on use	No Uses advised against	
1.3 Initial Supplier Identifier		
Company Identification	Lapinus ROCKWOOL B.V Delfstoffenweg 2 6045 JG Roermond Netherlands +31 475 353 555 ra@lapinus.com	Lapinus ROCKWOOL B.V P.O. Box 1160 6040 KD Roermond Netherlands
Telephone		
E-Mail (competent person)		
1.4 Emergency telephone number		
Emergency Phone No.	+31 475 353 555	Monday to Friday, 09:00 – 17:00 (GMT +1)
Languages spoken	English	

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Not classified as dangerous for supply/use.
2.2 Label elements	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Mineral Fibres according Note Q
Hazard Pictogram(s)	None assigned.
Signal Word(s)	None assigned.
Contains:	Not applicable
Hazard Statement(s)	None assigned.
Precautionary Statement(s)	None assigned.
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** Substances in preparations / mixtures
According to Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
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

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

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^ See Section: 11

This product does not contain crystalline silica

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

General information

Self-protection of the first aider

If symptoms persist, obtain medical attention.

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

Inhalation

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.

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.

Ingestion

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

4.2 Most important symptoms and effects, both acute and delayed

Handling of this material may generate 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

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 Special protective equipment and precautions for fire fighters

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 it to enter into drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Stop leakage 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

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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.
- 8.1.3 PNECs and DNELs** Not established.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Ensure adequate ventilation. Good hygiene practices and housekeeping measures. Keep container tightly closed and dry. Store in a cool/low-temperature, well-ventilated (dry) place.
- 8.2.2 Individual protection measures, such as personal protective equipment (PPE)** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Ensure adequate ventilation. Keep good industrial hygiene. Contaminated clothing should be thoroughly cleaned. Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat. 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



Eye Protection: Not normally required.
Recommended: Wear eye protection with side protection (EN166).

Skin protection



Hand protection:
Wear impervious gloves (EN374). Gloves should be changed if excessive exposure has occurred.

Body protection:
Wear suitable coveralls to prevent exposure to the skin. Wear work clothes with long sleeves.

Respiratory protection



In case of inadequate ventilation wear respiratory protection. A suitable dust mask or dust respirator with filter type A/P may be appropriate.

Thermal Hazards

Not applicable.

- 8.2.3 Environmental Exposure Controls** No special precautions are required for this product.

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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 (Water = 1)	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 g/cm ³
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

None

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	Stable under normal conditions. Hazardous polymerisation will not occur.
10.4 Conditions to avoid	Keep away from acids and alkalis. Keep away from: Humidity
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 > 2000 mg/kg bw/day.
Acute toxicity - Inhalation	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 >20.0 mg/l.
Acute toxicity - Skin Contact	Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: Estimated LC50 > 2000 mg/kg bw/day.
Skin corrosion/irritation	Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Based upon the available data, the classification criteria are not met.
Respiratory or skin sensitization	Based upon the available data, the classification criteria are not met.
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met.
Carcinogenicity	Based upon the available data, the classification criteria are not met. IARC Classification: Group 3. Not classifiable as to its carcinogenicity to humans.

EU regulations: Note Q

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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 bio persistence 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 bio persistence 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
STOT - single exposure
STOT - repeated exposure
Aspiration hazard

Based upon the available data, the classification criteria are not met.
Based upon the available data, the classification criteria are not met.
Based upon the available data, the classification criteria are not met.
Based upon the available data, the classification criteria are not met.

11.2 Other information None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Based upon the available data, the classification criteria are not met.
12.2 Persistence and degradability	Not readily biodegradable.
12.3 Bio accumulative potential	Low bioaccumulation 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.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Dispose of waste according to applicable legislation. Do not discharge into drains or the environment, dispose to an authorised waste collection point. Dispose of waste cans and containers according to local regulations.

SECTION 14: TRANSPORT INFORMATION

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

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	Not classified	Not classified	Not classified
14.2 UN proper shipping name	Not classified	Not classified	Not classified
14.3 Transport hazard class(es)	Not classified	Not classified	Not classified
14.4 Packing group	Not classified	Not classified	Not classified
14.5 Environmental hazards	Not classified	Not classified	Not classified
14.6 Special precautions for user	See Section: 2		
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable		

SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations Authorisations and/or Restrictions On Use None known.

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15.1.2 National regulations

Water hazard class: (Germany)

CAS Number Not listed- Non-hazardous ingredients (Self classification:)

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: V1.1

Sections indicated with the following have been revised:

Date of First Issue: 13th December 2018

Date of Issue: 13th December 2018

References:

Existing Safety Data Sheet (SDS).

EU: Existing ECHA registration(s) 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.

This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830.

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)

Not classified

Classification Procedure

Self-classification

LEGEND

LTEL: Long Term Exposure Limit

DNEL: Derived No Effect Level

PBT: PBT: Persistent, Bio accumulative and Toxic

IARC: International Agency for Research on Cancer

TLV: Threshold Limit Value (ACGIH)

EU: European Union

STEL: Short Term Exposure Limit

PNEC: Predicted No Effect Concentration

vPvB: very Persistent and very Bio accumulative

BEI: Biological Exposure Indices (ACGIH)

TWA: Time Weighted Average

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.

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Annex to the extended Safety Data Sheet (eSDS)

Not hazardous. Exposure Scenarios are not applicable