

Safety Information Sheet



Version 1.1
Date of Issue 16/08/2022
Date of First Issue 08/07/2019

In accordance with B.E.2555 (2012)

B.E.2555 (2012) 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 (B.E.2555 (2012)) to be as informative as possible.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

GHS Product Identifier	Mineral Fibres according Note Q	
Other means of identification		
Product code	Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, CoatForce®, Lapinus®, RIF41001, RIF48003, ROCKWOOL®	
CAS No.	Not applicable - Article	
EINECS No.	Not applicable - Article	
Recommended use of the chemical and restrictions on use		
Recommended use	Additive in composites	
Restrictions on use	Anything other than the above.	
Details of the supplier of the safety data sheet		
Company Name	ROCKWOOL B.V	
Address	Delfstoffenweg 2 6045 JG Roermond Netherlands	P.O. Box 1160 6040 KD Roermond Netherlands
Telephone	+31 475 353 555	
E-Mail (competent person)	ra@lapinus.com	
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

GHS Classification		
In accordance with B.E.2555 (2012)	Not classified as hazardous for supply/use.	
GHS label elements, including precautionary statements		
Product Name	Mineral Fibres according to Note Q	
Hazard Pictogram(s)	None assigned	
Signal Word(s)	None assigned	
Hazard Statement(s)	None assigned	
Precautionary Statement(s)	None assigned	
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

Substances - Not applicable

Mixtures

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Chemical identity of the substance	%W/W	CAS 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*	Not classified - According to Note Q^ (EU)

No other components or impurities which will influence the classification of the product

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

^ See Section: 11

This product does not contain crystalline silica

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

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. Give plenty of water to drink.

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.

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.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

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.

Specific hazards arising from the chemical

None known.

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

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.

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Environmental precautions

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

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.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling and storage

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..

Conditions for safe storage, including any incompatibilities

Storage temperature
Incompatible materials

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. Store at room temperature. Avoid contact with moisture. Keep away from: Humidity

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

Refer to member state guidelines and legislation

Workplace exposure limit (WEL) must not be exceeded (total respirable , 8-hour time weighted averages) .The air concentration of inhalable fibres will be under normal working conditions less than 0,5 per cm³.

Biological limit value

Not established

Appropriate engineering controls

Ensure adequate ventilation Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.

Individual protection measures, such as personal protective equipment (PPE)

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.

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SECTION 9: 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 established
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not established
Upper/lower flammability or explosive limits	Not flammable
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 established

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None anticipated. Not flammable. Hazardous polymerisation will not occur.
Conditions to avoid	Keep away from: Acids, Alkalis, humidity
Incompatible materials	Avoid contact with moisture. Keep away from: Humidity
Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	
Inhalation	Possible – accidental exposure
Ingestion	Possible – accidental exposure
Skin Contact	Possible – accidental exposure
Eye Contact	Unlikely – accidental exposure
Symptoms related to the physical, chemical and toxicological characteristics	Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.
Delayed and immediate effects and also chronic affects from short and long term exposure	No information available.
Numerical measures of toxicity (such as acute toxicity estimates)	No information available.
Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) >2,000 mg/kg.
Acute toxicity - Skin Contact	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) >2,000 mg/kg.
Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Calculated acute toxicity estimate (ATE) > 5 mg/l
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 sensitization	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.

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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.

EU regulations 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
STOT - single exposure
STOT - repeated exposure
Aspiration hazard

Mixture: Based upon the available data, the classification criteria are not met.
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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Persistence and degradability
Bioaccumulative potential
Mobility in soil
Other adverse effects

Mixture: Based upon the available data, the classification criteria are not met.
Not readily biodegradable
Low bioaccumulative potential
The product is predicted to have low mobility in soil. Insoluble in water
None Known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

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

	ADR/RID	IMDG	IATA/ICAO
UN number	None assigned	None assigned	None assigned
UN proper shipping name	None assigned	None assigned	None assigned
Transport hazard class(es)	None assigned	None assigned	None assigned
Packing group	None assigned	None assigned	None assigned
Marine pollutant	Not classified	Not classified as a Marine Pollutant.	Not classified
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No information available.	No information available.	No information available.
Special precautions for users	See Section: 2		

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
Thailand Existing Chemicals Inventory
HSCA - Hazardous Substances
Thailand - RoHS
Non-Regional

All chemicals are not listed
Not applicable

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IARC Monographs

Note Q fibres - IARC Classification: Group 3.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: V1.1 - New Template

This safety data sheet was compiled in accordance with B.E.2555 (2012)

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.

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	Regulations concerning the International Carriage of Dangerous Goods by Rail
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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