

Safety Information Sheet

Version: 2.1

Date of Issue: 30 June 2022

Date of First Issue: 01 September 2018



Workplace Hazardous Materials Information system (WHMIS 2015) requires SDS only for hazardous substances and mixtures / preparations. The Mineral Fibres according to Note Q product has been defined as non-hazardous. The Safety Information Sheet has been made up to the rules in WHMIS 2015 to be as informative as possible.

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

Product identifier

Product Name

Mineral Fibres according to Note Q

Other Means of Identification

Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, CoatForce®, Lapinus®, RIF41001, RIF48003, ROCKWOOL®

Recommended use and restrictions

Recommended use

Additive in composites

Restrictions on use

No uses advised against.

Initial Supplier Identifier

Lapinus
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Netherlands

Telephone

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E-Mail (competent person)

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Company Identification

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Emergency Phone No.

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Monday to Friday, 09:00 – 17:00 (GMT+1)

Languages spoken

English

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

In accordance with Schedule 1 of Hazardous products regulations (HPR) (WHMIS 2015)

Not classified as hazardous for supply/use.

Label elements

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

GHS Classification

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Chemical Name	CAS No.	Concentration (%W/W)	Common name(s), synonym(s) of the substance	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]	65997-17-3*	98-100	Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, CoatForce®, LAPINUS®, RIF41001, RIF48003, ROCKWOOL®	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.

^ See Section: 11

This product does not contain crystalline silica.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Self-protection of the first aider

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 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.

Special hazards arising from the substance or mixture

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.

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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.

Environmental precautions

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.

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.

Reference to other sections

See Section: 8,13

SECTION 7: HANDLING AND STORAGE

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..

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

Specific end use(s)

See Section: 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

Not established.

Biological limit value

Not established.

Exposure controls

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.

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.

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Eye/face protection

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

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Skin protection



Respiratory 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.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Solid white or black 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
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.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical stability	Stable under normal conditions
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.
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 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

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Acute toxicity - Skin Contact

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

Acute toxicity - Inhalation

Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw

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

Skin corrosion/irritation

Acute Toxicity Estimate Mixture Calculation: LC50 >5 mg/l (Dust/Mist)

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.

Carcinogenicity

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

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.

Other information

None Known

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

Estimated LC50 (Mixture): >100 mg/l.

Persistence and degradability

Not readily biodegradable

Bioaccumulative potential

Low bioaccumulative potential

Mobility in soil

The product is predicted to have low mobility in soil. Insoluble in water

Other adverse effects

Not classified as PBT or vPvB.

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/CAO
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 MARPOL73/78 and the IBC Code	Not applicable		

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SECTION 15: REGULATORY INFORMATION

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

National regulations

CEPA, Domestic Substances List	Listed CAS No. 65997-17-3
CEPA, Priority Substances List	Listed CAS No. 287922-11-6
CEPA, List of Toxic Substances (Schedule 1)	Listed CAS No. 287922-11-6
CEPA, National Pollutant Release Inventory	Not listed
CEPA, Environmental Emergency Regulations	Not listed

Non-Regional

IARC Monographs, List of Classifications	Note Q fibres - IARC Classification: Group 3.
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SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: V2.1- New Template

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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.

This safety data sheet was compiled in accordance with Schedule 1 of Hazardous products regulations (HPR) (WHMIS 2015)

LEGEND

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CEPA	Canadian Environmental Protection Act
EC	European Community
ECHA	European Chemicals Agency
EU	European Union
IATA	International Air Transport Association
IARC	International Agency for Research on Cancer
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
LC50	Lethal concentration at which 50% of the population is killed
LD50	Lethal dose at which 50% of the population is killed
LTEL	Long term exposure limit
OECD	Organisation for Economic Cooperation and Development
OSHA	Occupational Safety and Health Administration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL	Short term exposure limit
TWA	Time Weighted Average
UN	United Nations

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