

# Safety Information Sheet



Version 1.2  
Date of issue 01/09/2022  
Date of First Issue 08/07/2019

## ACCORDING TO GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) EIGHTH REVISED EDITION/ S.O. 966 (1989)

GHS Revision 8/ S.O. 966 (1989) 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 GHS Revision 8/ S.O. 966 (1989) to be as informative as possible.

### SECTION 1: IDENTIFICATION

<b>1.1 GHS Product Identifier</b>		
Product Name	Mineral Fibres according to Note Q	
CAS No.	Not applicable - Article	
<b>Other Means of Identification</b>	Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, CoatForce®, Lapinus®, RIF41001, RIF48003, ROCKWOOL®	
<b>1.2 Recommended use of the chemical and restrictions on use</b>		
Identified Use(s)	Additive in composites	
Uses Advised Against	No uses advised against.	
<b>1.3 Supplier's details</b>		
Company Identification	ROCKWOOL B.V Delfstoffenweg 2 6045 JG Roermond Netherlands	P.O. Box 1160 6040 KD Roermond Netherlands
Telephone	+31 475 353 555	
E-Mail (competent person)	<a href="mailto:ra@lapinus.com">ra@lapinus.com</a>	
<b>1.4 Emergency Phone No.</b>		
Emergency Phone No.	+31 475 353 555	Monday to Friday 09:00 – 17:00 (GMT +1)
Languages spoken	English	

### SECTION 2: HAZARD IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>		
<b>2.1.1 GHS Classification</b>	Not classified as hazardous for supply/use.	
<b>2.2 GHS label elements, including precautionary statements</b>		
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	
<b>2.3 Other hazards which do not result in classification</b>	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

<b>3.1 Substances - not applicable</b>	
<b>3.2 Mixtures</b>	
GHS Classification	

# Safety Information Sheet



Version 1.2  
Date of issue 01/09/2022  
Date of First Issue 08/07/2019

## ACCORDING TO GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) EIGHTH REVISED EDITION/ S.O. 966 (1989)

GHS Revision 8/ S.O. 966 (1989) 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 GHS Revision 8/ S.O. 966 (1989) to be as informative as possible.

Chemical identity of the substance	Common name(s), synonym(s) of the substance	%W/W	CAS No.	EC No.	Hazard classification
Man-made vitreous (silicate) fibres (MMVF) with random orientation with alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content greater than 18 % by weight]	Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, CoatForce®, Lapinus®, RIF41001, RIF48003, ROCKWOOL®	98 -100	65997-17-3*	926-099-9	Not classified - According to Note Q <sup>^</sup> (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

## SECTION 4: FIRST AID MEASURES



### 4.1 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. 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.

### 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 immediate medical attention and special treatment needed, if necessary

Treat symptomatically

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 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.

Suitable Extinguishing media

Do not use water jet. Direct water jet may spread the fire.

Unsuitable extinguishing media

None known.

### 5.2 Special hazards arising from the substance or mixture

None known.

### 5.3 Special protective actions 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.

# Safety Information Sheet



Version 1.2  
Date of issue 01/09/2022  
Date of First Issue 08/07/2019

## ACCORDING TO GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) EIGHTH REVISED EDITION/ S.O. 966 (1989)

GHS Revision 8/ S.O. 966 (1989) 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 GHS Revision 8/ S.O. 966 (1989) to be as informative as possible.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

- |            |  |   |
|------------|--|---|
| <b>6.1</b> | <b>Personal precautions, protective equipment and emergency procedures</b> | 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. |
| <b>6.2</b> | <b>Environmental precautions</b>   | Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.   |
| <b>6.3</b> | <b>Methods and material for containment and cleaning up</b>                | 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.   |
| <b>6.4</b> | <b>Reference to other sections</b>   | See Section: 8, 1   |

### SECTION 7: HANDLING AND STORAGE

- |            |   |   |
|------------|---|---|
| <b>7.1</b> | <b>Precautions for safe handling</b>                                | 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. |
| <b>7.2</b> | <b>Conditions for safe storage, including any incompatibilities</b> | 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.  |
|            | Storage measures  | Keep only in the original container/package in a cool well-ventilated place.  |
|            | Incompatible materials  | Avoid contact with moisture. Keep away from: Humidity   |
| <b>7.3</b> | <b>Specific end use(s)</b>  | See Section: 1.2  |

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- |              |  |  |
|--------------|--|--|
| <b>8.1</b>   | <b>Control parameters</b>  | 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 cm <sup>3</sup> .  |
| <b>8.1.1</b> | <b>Occupational Exposure Limits</b>  | Refer to member state guidelines and legislation   |
| <b>8.1.2</b> | <b>Biological limit value</b>  | Not established.   |
| <b>8.2</b>   | <b>Exposure controls</b>   |  |
| <b>8.2.1</b> | <b>Appropriate engineering controls</b>  | 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.  |
| <b>8.2.2</b> | <b>Individual protection measures, such as personal protective equipment (PPE)</b> | 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. |

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.

# Safety Information Sheet



Version 1.2  
Date of issue 01/09/2022  
Date of First Issue 08/07/2019

## ACCORDING TO GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) EIGHTH REVISED EDITION/ S.O. 966 (1989)

GHS Revision 8/ S.O. 966 (1989) 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 GHS Revision 8/ S.O. 966 (1989) to be as informative as possible.

Eye/ face protection



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

Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

### 9.1 Basic physical and chemical properties

Physical state	Solid white or black fibres
Colour	Not established
Odour	Not established
Melting point/freezing point	> 1000 °C
Initial boiling point and boiling range	Not established
Flammability	Not established
Upper/lower flammability or explosive limits	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not flammable
Decomposition temperature	Not established
pH	7 - 8
Kinematic viscosity	Not established
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not established
Vapour pressure	Not established
Density and/or relative density	2.7 – 2.8
Vapour Density (Air=1)	Not established
particle characteristics	Not established

### 9.2 Other information

Explosive properties	Not explosive
Oxidising properties	Not oxidising

## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions
10.2 Chemical stability	Stable under normal conditions

# Safety Information Sheet



Version 1.2  
Date of issue 01/09/2022  
Date of First Issue 08/07/2019

## ACCORDING TO GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) EIGHTH REVISED EDITION/ S.O. 966 (1989)

GHS Revision 8/ S.O. 966 (1989) 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 GHS Revision 8/ S.O. 966 (1989) to be as informative as possible.

<b>10.3 Possibility of hazardous reactions</b>	None anticipated. Not classified as flammable. Hazardous polymerisation will not occur.
<b>10.4 Conditions to avoid</b>	Keep away from: Acids, Alkalis, humidity
<b>10.5 Incompatible materials</b>	Avoid contact with moisture. Keep away from: Humidity
<b>10.6 Hazardous decomposition product(s)</b>	Carbon monoxide, Carbon dioxide

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
<b>Acute toxicity - Ingestion</b>	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
<b>Acute toxicity - Inhalation</b>	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 >5 mg/l (dust/mist)
<b>Acute toxicity - Dermal</b>	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
<b>Skin corrosion/irritation</b>	Mixture: Based upon the available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Mixture: Based upon the available data, the classification criteria are not met.
<b>Respiratory or skin sensitization</b>	Mixture: Based upon the available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Mixture: Based upon the available data, the classification criteria are not met.
<b>Carcinogenicity</b>	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 Classification 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.
<b>Reproductive toxicity</b>	Mixture: Based upon the available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Mixture: Based upon the available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Mixture: Based upon the available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Mixture: Based upon the available data, the classification criteria are not met.
<b>Information on likely routes of exposure</b>	
Inhalation	Possible – accidental exposure
Ingestion	Possible – accidental exposure
Skin Contact	Possible – accidental exposure
Eye Contact	Unlikely – accidental exposure
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.
<b>Delayed and immediate effects and also chronic affects from short and long term exposure</b>	None Known
<b>Numerical measures of toxicity (such as acute toxicity estimates)</b>	None Known

# Safety Information Sheet



Version 1.2  
Date of issue 01/09/2022  
Date of First Issue 08/07/2019

## ACCORDING TO GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) EIGHTH REVISED EDITION/ S.O. 966 (1989)

GHS Revision 8/ S.O. 966 (1989) 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 GHS Revision 8/ S.O. 966 (1989) to be as informative as possible.

**Interactive effects** None Known

### 11.2 Other information

NTP Report on Carcinogens Note Q fibres (Specific CAS. 287922-11-6)  
IARC Monographs Note Q fibres - IARC classification: Group 3

## SECTION 12: ECOLOGICAL INFORMATION

12.1	<b>Ecotoxicity</b>	Mixture: Based upon the available data, the classification criteria are not met.
12.2	Acute Toxicity	Mixture: Based upon the available data, the classification criteria are not met.
12.3	Chronic Toxicity	Mixture: Based upon the available data, the classification criteria are not met.
12.4	<b>Persistence and degradability</b>	Not readily biodegradable
12.5	<b>Bioaccumulative potential</b>	Low bioaccumulative potential
12.6	<b>Mobility in soil</b>	The product is predicted to have low mobility in soil. Insoluble in water
12.7	<b>Other adverse effects</b>	None Known.

## SECTION 13: DISPOSAL CONSIDERATIONS

13.1 **Disposal 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'.

	<b>ADR/RID</b>	<b>IMDG/ADN</b>	<b>IATA/ICAO</b>
14.1 <b>UN number</b>	None assigned	None assigned	None assigned
14.2 <b>Proper Shipping Name</b>	None assigned	None assigned	None assigned
14.3 <b>Transport hazard class(es)</b>	None assigned	None assigned	None assigned
14.4 <b>Packing group</b>	None assigned	None assigned	None assigned
14.5 <b>Environmental hazards</b>	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	not applicable		

## SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations specific for the product in question</b>	
15.2	<b>International regulations</b>	
	Montreal Protocol / Stockholm Convention / Rotterdam Convention / Basel Convention / MARPOL	All chemicals are not listed
	IARC Monographs	Note Q Fibres- IARC Classification: Group 3.
15.3	<b>National Regulations</b>	Not restricted

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: V1.1 - Updated version and date

Version 1.1  
Revision date 01/09/2022  
Date of First Issue 22/10/2019

### References:

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

# Safety Information Sheet



Version 1.2  
Date of issue 01/09/2022  
Date of First Issue 08/07/2019

## ACCORDING TO GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) EIGHTH REVISED EDITION/ S.O. 966 (1989)

GHS Revision 8/ S.O. 966 (1989) 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 GHS Revision 8/ S.O. 966 (1989) to be as informative as possible.

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 Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Eighth Revised Edition.

### LEGEND

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways
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
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

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Lapinus (Rockwool B.V.) gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Lapinus (Rockwool B.V.) accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.