

Safety Information Sheet



Date of issue: 23/08/2022
Date of First Issue: 17/06/2019
Version: 1.1
SDS Code: Lapinus082022

In accordance with: GB/T 16483-2008 and GB/T 17519-2013

GB/T 16483-2008 and GB/T 17519-2013 requires SDS only for hazardous substances and mixtures / preparations. Secondary coated fibres fibre has been defined as non-hazardous. The Safety Information Sheet has been made up to the rules in GB/T 16483-2008 and GB/T 17519-2013 to be as informative as possible.

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product name Secondary coated fibres
Product code Roxul®1000, Rockbrake®, Rockseal®, Rockforce®, Lapinus®, RIF41001, RIF48003, ROCKWOOL®, RB210, RB205

Recommended use of the chemical and restrictions on use

Identified uses Additive in composites
Uses advised against No Uses advised against

Details of the supplier of the safety data sheet

Name of Supplier ROCKWOOL B.V
Address of Supplier ROCKWOOL B.V P.O. Box 1160
6045 JG Roermond
Netherlands 6040 KD Roermond
Netherlands
Telephone +31 475 353 555
E-mail ra@lapinus.com

Emergency telephone number

Emergency Phone No. +31 475 353 555 Monday to Friday, 09:00 – 17:00 (GMT +1)

SECTION 2: HAZARD OVERVIEW

Emergency overview

White / Black solid fibres. Not flammable. Not classified as hazardous for supply/use. Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.

Classification of the substance or mixture
In accordance with: GB 13690-2009 and GB 30000-2013 Not classified as hazardous for supply/use.

Label elements

Product name Secondary coated fibres
Hazard Pictogram(s) None assigned
Signal Word(s) None assigned
Hazard Statement(s) None assigned
Precautionary Statement(s)
Prevention None assigned
Response None assigned
Storage None assigned
Disposal None assigned
Other hazards Handling of this material may generate a dust which can cause mechanical irritation of the eyes, skin nose and throat.

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Main Symptoms

None Known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances - Not applicable

Mixtures Substances in preparations / mixtures

GHS Classification GB 30000-2013

Chemical identity of the substance	通用名	浓度或浓度范围	CAS No.	EC 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]	Glass,oxide,chemicals	92 -100	65997-17-3*	-	Not classified - According to Note Q [^] (EU)

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

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Self-protection of the first aider
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

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

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: FIREFIGHTING 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.

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Special hazards arising from the substance or mixture
Special protective equipment and precautions for fire fighters

None Known

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.

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

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

Storage life

Minimum 2 years

Incompatible materials

Avoid contact with moisture Keep away from: Humidity

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

SUBSTANCE	CAS No.	PC-TWA(mg/m ³)			临界不良健康效应	Note
		MAC	总尘	呼尘		
Man-made mineral fiber insulation cotton (Fibrous glass, Slag wool, Rock wool) dust 人造矿物纤维绝热棉粉尘 (玻璃棉、矿渣棉、岩棉)	-	-	5 1f/mL	- -	质量浓度：皮肤和眼刺激 纤维浓度：呼吸道不良健康效应	- -
Graphite dust 石墨粉尘	7782-42-5	-	4	2	石墨尘肺	-

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Source: GBZ 2-2019

Biological Exposure Indices	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	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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Solid white or black fibres
Odour	Not established
pH (Concentration)	7 - 8
Melting point/freezing point	> 1000 °C
Initial boiling point and boiling range (°C)	Not established
Flash point (°C)	not applicable
Upper/lower flammability or explosive limits	Not established
Vapour Pressure (mm Hg)	Not established
Vapour Density (Air=1)	Not established
Relative density	2.7 – 2.8
Solubility(ies)	Insoluble in water
Partition Coefficient (n-Octanol/water)	Not established
Auto Ignition Point (°C)	Not established
Decomposition Temperature (°C)	Not established

Additional properties

Viscosity (mPa. s)	Not established
Evaporation rate	not applicable
Explosive properties	Not explosive
Oxidising properties	Not oxidising

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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 products	Carbon monoxide, Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects (Substances in preparations / mixtures)

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. 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	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 bioaccumulation potential.
Mobility in soil	The product is predicted to have low mobility in soil. Insoluble in water
Other adverse effects	None Known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods	Disposal should be in accordance with local, state or national legislation.
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Packaging waste

Dispose of empty containers and wastes safely. Dispose of this container to hazardous or special waste collection point.

SECTION 14: TRANSPORT INFORMATION

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

	ADR/RID/ JT/T 617-2018/陆运	IMDG/海运	ICAO/IATA/空运
UN number	Not applicable	Not applicable	Not applicable
UN proper shipping name	Not applicable	Not applicable	Not applicable
Transport hazard class(es)	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
Special precautions for user	See Section: 2		
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable		

SECTION 15: REGULATORY INFORMATION

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

National regulations

Catalogue of Hazardous Chemicals	All chemicals are not listed
Catalogue of Toxic Chemicals Restricted to be Imported/Exported	All chemicals are not listed
Catalogue of Prohibited Chemicals	All chemicals are not listed
List of Priority Chemicals for Prevention and Control	All chemicals are not listed
Inventory of Existing Chemical Substances in China (IECSC)	玻璃棉- listed 妥尔油脂脂肪酸与 N-羟乙基乙二胺的反应产物 - listed 水 - listed 烷基苯磺酸钠- listed 4-甲基-苯酚与二环戊二烯和异丁烯的 反应产物- listed 石墨- listed

SECTION 16: OTHER INFORMATION

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

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

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

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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.

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