

Safe Use Instruction Sheet

Issue date February 1st 2018

Section 1 Identification of the substance / mixture and of the company

1.1 Product identifier

Generic product name	Engineered Stone Wool – Grey/Green
Trade names	Noistop®, Rockdelta®, Lapinus® WM, Rockflow

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use	Noistop® Rockdelta® Lapinus® WM, Rockflow	Acoustic fence for sound insulation Noise and Vibration isolation in track systems Water Management Applications
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No uses advised against.

1.3 Details of the supplier of the Safe Use Instruction Sheet

Supplier	Lapinus ROCKWOOL B.V. P.O. Box 1160 6040 KD, Roermond The Netherlands
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1.4 Emergency telephone number

Email	ra@lapinus.com
Phone	+31 475 35 35 55 (business hours GMT+1)

The mechanical effect of fibres in contact with skin may cause temporary itching. It is therefore advised to take the following precautions.



Ventilate working area if possible



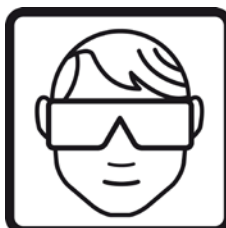
Waste should be disposed of according to local regulations



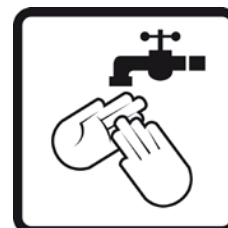
Cover exposed skin. When working in unventilated area wear disposable face mask



Clean area using vacuum equipment



Wear goggles when working overhead



Rinse in cold water before washing

Section 2 Hazards Identification

2.1 Classification of the substance or mixture

Not classified.

2.2 Label elements

No labelling applicable

2.3 Other hazards

Use of high speed cutting tools can generate dust. When heated to approximately 200°C for the first time, release of binder components and binder decomposition products can occur which, in high concentrations, may irritate the eyes and respiratory system. Further information can be found in Section 8.

Section 3 Composition / information on ingredients

3.1 Engineered Stone Wool - Grey/Green

Substance	Product identifier	Amount weight (%)	Classification and labelling according to Regulation EC n° 1272/2008 [CLP]
Stone wool ¹	(CAS) 287922-11-6 (EC) 926-099-9 (REACH) 01-211-9472313-44	95 - 100%	Not classified
Organic binder		0 – 5%	Not classified
Other additives		0 – 0.5%	Not classified

¹ Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the note Q conditions

3.2 Auxiliary materials

None of the possible auxiliary and facing materials are classified according to regulation EC n° 1272/2008 [CLP]. These materials can include pine wood, galvanized steel, stainless steel, polyester netting, glass mat, or aluminium.

Section 4 First aid measures

4.1 Description of first aid measures

First-aid measures general	If exposure symptoms persist, seek medical attention.
First-aid measures after inhalation	Move to fresh air.
First-aid measures after skin contact	Rinse skin with cold water. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.
First-aid measures after eye contact	Immediately flush eyes thoroughly with water for at least 15 minutes. Call a physician.
First-aid measures after ingestion	Rinse mouth immediately and drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after eye contact	May cause physical irritation upon direct contact.
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4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray, carbon dioxide (CO ₂), dry chemical powder, foam.
Unsuitable extinguishing media	None known.

5.2 Special hazards arising from the substance or mixture

Fire hazard	The product itself does not burn.
Explosion hazard	Not explosive.

5.3 Advice for fire-fighters

Fire-fighting instructions	Use self-contained breathing apparatus when in close proximity to fire. Wear proper protective equipment.
Protective equipment for fire-fighters	Wear a self contained breathing apparatus. Wear recommended personal protective equipment.

5.4 Special hazards arising from the substance or mixture

Some auxiliary materials in Noistop® Wood can be combustible and flammable. The Stone wool as such is non combustible. Packaging materials and or facings may be combustible.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures	Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
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6.1.1 For non-emergency personnel

Protective equipment	Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. Refer to section 8.
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6.1.2 For emergency responders

Protective equipment	In case of inadequate ventilation wear respiratory protection. Refer to section 8.
Emergency procedures	Stop leak if safe to do so. Evacuate and limit access.

6.2 Environmental precautions

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Refer to sections 8 and 13.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Do not use a dry brush as dust clouds or static can be created. Wet dust with water before sweeping. Spilled material should be removed immediately to avoid formation of dust from dried material. Use clean-up methods that avoid dust generation (vacuum wet).
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6.4 Reference to other sections

Refer to sections 8 and 13.

Section 7 Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling	Unpack material at application site to avoid unnecessary handling of product. Keep work area clean. Collect all waste in suitable and labelled containers and dispose according to local legislation. Wet dust with water before sweeping. Dust must be exhausted directly at the point of origin.
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7.2 Conditions for safe storage, including any incompatibilities

Storage conditions	Store in original container. Store tightly closed in a dry, cool and well-ventilated place.
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7.3 Specific end use(s)

No additional information available.

Section 8 Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limit (WEL) must not be exceeded. (total respirable, 8-hour time weighted averages). The dust concentration of inhalable fibres will be under normal working conditions less than 0,1 per cm³.

8.2 Exposure controls

Personal protective equipment	Gloves. Insufficient ventilation: wear respiratory protection. Protective clothing. Safety glasses.
Hand protection	Wear suitable gloves tested to EN 374.
Eye protection	Tightly fitting safety goggles. DIN EN 166.
Skin and body protection	Wear work clothes with long sleeves
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Other information	Handle in accordance with good industrial hygiene and safety procedures.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties of Stone wool

Physical state	Solid
Colour	Grey/green
Odour	No data available
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	> 1000 °C
Freezing point	No data available
Boiling point	No data available
Flash point	Not applicable
Self ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not flammable
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	2.75 g/cm ³
Solubility	Water: Insoluble in water
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	Not explosive
Oxidising properties	Not oxidizing
Explosive limits	Not explosive

9.2 Other information

No additional information available.

Auxiliary materials

9.2.1 Physical and chemical properties - Wood (Noistop® Wood)

Odour	Wood
Flash point	300°C
Explosive properties	Not Applicable

9.2.2 Physical and chemical properties - Polyethene (Noistop® Steel and Noistop® Wood)

Boiling point	Not Applicable
Melting point	115°C
Flash point	221°C
Auto-ignition Temperature	395°C
Explosive properties	Not Applicable

9.2.3 Physical and chemical properties - Steel Galvanized: (Noistop® Steel)

Boiling point	Not Applicable
Melting point	1400-1500°C
Flash point	Not Applicable
Auto-ignition Temperature	Not Applicable
Explosive properties	Not Applicable

Section 10 Stability and reactivity

10.1 Reactivity

Not reactive

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Not reactive

10.4 Conditions to avoid

None specified

10.5 Incompatible materials

None specified

10.6 Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). When heated to approximately 200 °C for the first time, release of binder components and binder decomposition products can occur which, in high concentrations, may irritate the eyes and respiratory system.

Section 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity
Irritation	There can be physical effects on skin, upper respiratory system (mucous membranes) and eyes that can cause temporary, self-fading effects (e.g. itching).
Corrosivity	No corrosivity
Sensitisation	No sensitisation
Repeated dose toxicity	No repeated does toxicity
Carcinogenicity	Not classified
Mutagenicity	No mutagenicity
Toxicity for reproduction	No toxicity for reproduction
Aspiration hazard	Not classified

Section 12 Ecological information

12.1 Toxicity

None

12.2 Persistence and degradability

Product is not easily biodegradable

12.3 Bioaccumulative potential

None

12.4 Mobility in soil

None

12.5 Result of PBT and vPvB Assessment

No assessment required

12.6 Other adverse effects

No information available

Section 13 Disposal considerations

13.1 Waste treatment methods

Waste disposal recommendations	Comply with local regulations for disposal.
Additional information	Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

Section 14 Transport information

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

None specified

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

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

No REACH Annex XVII restrictions. Contains no REACH candidate substance

15.1.2 National regulations

No additional information available

15.2 Chemical safety assessment

No additional information available

Section 16 Other information

Although REACH does not require a material safety data sheet to be provided for Engineered Stone Wool, this format is used by Lapinus to provide standardised health and safety information.

All products marketed as Noistop®, Rockdelta®, Lapinus®, and Rockflow are made of non-classified fibres and are certified by EUCEB or RAL. Both certifications confirm that the product is not classified through full compliance with the parameters laid down in Note Q, as defined by Directive 97/69/EC and Regulation (EC) No 1272/2008



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 can be tracked in the CAS Registry System only.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

End of Safe Use Instruction Sheet