

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

1.1 Product identifier

Generic product name: Noistop[®] (Noistop[®] Green, Noistop[®] Wood, Noistop[®] Colour)

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

Recommended use: Acoustic fence for sound insulation

No uses advised against for physical health and environmental considerations as covered by REACH.

In terms of site use, the product shall be used in accordance with technical guidance published by Lapinus

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

1.4 Emergency telephone number

Email: info@lapinus.com
 Phone: +31 475 35 35 55

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

There is no Hazard statement associated with this product

Lapinus[®] stone wool is not classified as dangerous according to EU Directives 67/548/EEC and 1999/45/EC and its amendments (Regulation (EC) No 1272/2008) on classification, labelling and packaging of substances and mixtures

2.2 Label elements

The overall conclusion in accordance with the REACH regulation is that there are no hazardous classifications associated with Lapinus[®] fibers in respect to physical, health and environmental considerations

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

Substance	C.A.S. number ⁽⁴⁾ EC number ⁽⁵⁾	Amount weight (%)	Classification and labelling (Regulation (CE) n°1272/2008)	Classification and labelling (European directive 67/548/EEC) ⁽³⁾	- Index number in accordance with Appendix I 67/548/EEC - Reach Substance registration number

¹ Safety Use Instruction Sheet (SUIS) in accordance with Commission Regulation (EU) No 453/2010 (REACH)

Stone wool ⁽¹⁾	287922-11-6 HT stone wool fibres 926-099-9	20%	Not classified ⁽²⁾	Not classified	650-016-00-2 01-211-9472313-44
Organic binder		0 – 5% (of Stone wool)	Not classified	Not classified	
Mineral oil		0 – 0.5% (of Stone wool)	Not classified	Not classified	
Pine wood Noistop Wood		70%	Not classified	Not classified	
Steel galvanized Noistop Green Noistop Colour ⁽⁶⁾		70%	Not classified	Not classified	
Polyethylene netting		10%	Not classified	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 nota Q conditions
- (2): Not classified. Stone wool fibres are not classified carcinogenic according to the nota Q of the Directive 97/69/EEC and the regulation n° 1272/2008 (page 335 of the JOCE L353 of December 31, 2008)
- (3): Where substances are classified in accordance with regulation (EC) No 1272/2008 during the period from its entry into force until 1 December 2010 that classification may be added in the safety data sheet together with the classification in accordance with Directive 67/548/EEC. From 1 December 2010 until 1 June 2015 the safety data sheets for substances shall contain the classification according to both Directive 67/548/EEC and Regulation (EC) No 1272/2008 (art. 57 of Regulation (CE) 1272/2008, Official journal L353, p. 27)
- (4): C.A.S. : Chemical Abstract Service
- (5): EC: EC Number, determined by the European Commission for identifying materials
- (6): Noistop Colour: Coated with polyester based powder coating

Possible facing materials: glass mat, or polyester mat or aluminium, wire mesh netting (galvanised or stainless steel)

Section 4: First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation

If inconvenience occurs, leave dusty area for fresh air, clean throat by rinsing with cold, potable water and blow nose to clear dust

4.1.2 Skin

If itching occurs, wash off under cold running water prior to washing with mild soap. Do not rub or scratch.

4.1.3. Eye

If reaction occurs, check for and remove any contact lenses, flush eyes with potable cold water. Do not rub eyes.

4.1.4. Ingestion

If ingested, may cause transient inconvenience to the digestive tract.

4.2 Most important symptoms and effects, both acute and delayed

The mechanical effect of coarse fibers in contact with throat, skin or eyes may cause temporary itching/inconvenience.

4.3 Indication of any immediate medical attention and special treatment needed

None required.

If, however, any adverse reaction or discomfort continues from any of the above exposures, seek medical advice

Section 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable Extinguishing media

Water, foam, carbon dioxide or dry powder

5.1.2 Unsuitable extinguishing media

None

5.3 Advice for firefighters

Observe normal firefighting procedures

5.2 Special hazards arising from the substance or mixture

Noistop® Wood is combustible and flammable as it is made out of wood.

Noistop® Green is non combustible

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

No special requirements.

It is recommended for comfort that long-legged, long-sleeved clothing and gloves are worn.

Safety goggles may be worn if a lot of dust has been generated.

6.2 Environmental precautions

None required

6.3 Methods and materials for containment and cleaning up

Spray with water before sweeping or use vacuum equipment. Store waste preferably in closed containers.

6.4 Reference to other sections

Recommended personal protection equipment and waste disposal considerations are covered in sections 8 and 13

Section 7: Handling and storage

7.1 Precautions for safe handling

Unpack materials at the application site to avoid unnecessary handling of product. Dispose of scrap material and debris in suitable containers. Use preferable a knife to cut Stone wool. Keep work areas clean. Do not eat, drink or smoke in work areas. Wash hands after use rinsing under cold water before using soap. Change clothes and wash on completing work.

See also section 8.

7.2 Conditions for safe storage, including any incompatibilities

Keep material in original packaging until it is to be used. Products should be stored dry. Materials without packaging should always be stored dry. Store material to protect against damage including the weather. Avoid unnecessary handling of unwrapped product. See also section 8.

7.3 Specific end use(s) None required

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.)

8.2 Exposure controls

8.2.1 Appropriate engineering controls

None required

8.2.2 Individual protection measures, such as personal protective equipment

(a) Eye protection

With heavy dust development or when working with product above head height, use safety goggles. Type in accordance with EN 166 is advised.

(b) Skin protection Hands

It is recommended that gloves are worn for comfort . Gloves in accordance to EN 388 are advised

Other

No special requirements. It is recommended for comfort that long-legged, long-sleeved work clothing is worn

(c) Respiratory protection

If the national Exposure Limit Value is likely to be exceeded (for example when using high speed cutting tools or when working in confined spaces) disposable face masks complying with BS EN149 FFP1 or FFP2 should be used and are suitable for most applications.

The following sentence and pictograms are printed on the packaging

“The mechanical effect of fibres in contact with skin may cause temporary itching”



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 9: Physical and chemical properties of Stone wool: (Noistop® Wood, Noistop® Green)

9.1 Information on basic physical and chemical properties

(a) Appearance	Solid, grey-green
(b) Odour	None
(c) Odour threshold	See above - no odour therefore not applicable
(d) pH	At 1000g/H ₂ O, 25°C: Neutral or slightly alkaline (pH 7-9)
(e) Melting point	Above 1000°C. The limiting temperature applicable for use is dependent upon specific product type and intended application and must be taken from the appropriate Lapinus® product data sheet
(f) Initial boiling point and boiling range	solid material therefore not applicable
(g) Flash point	non-combustible, therefore not applicable
(h) Evaporation rate	solid material, therefore not applicable
(i) Flammability	non-combustible, therefore not applicable
(j) Upper/lower flammability or explosive limits	See above - non combustible material therefore not applicable
(k) Vapour pressure	solid material, therefore not applicable
(l) Vapour density	solid material, therefore not applicable
(m) Relative density	solid material therefore not applicable
(n) Solubility(ies)	generally chemically inert and insoluble in water
(o) Partition coefficient: n-octanol/water	see above - insoluble therefore not applicable
(p) Auto-ignition temperature	non-combustible, therefore not applicable
(q) Decomposition temperature	When insulation wool is heated to approximately 200°C for the first time(s), release of binder components and binder decomposition products occurs
(r) Viscosity	solid material, therefore not applicable
(s) Explosive properties	non-combustible, therefore not applicable
(t) Oxidising properties	non-oxidising material, therefore not applicable
9.2 Other information	no further chemical or physical properties to report

9.2.1 Physical and chemical properties	Pine Wood: (Noistop® Wood)
Odour	Pine
Flash point	300 °C
Flamability	225° C
Explosive properties	Not Applicable

9.2.2 Physical and chemical properties		Polythene: (Noistop® Green, Noistop® Wood and Noistop® Colour)
Boiling point		350°C
Melting point		115°C
Flash point		221°C
Flammability		75°C
Auto-ignition Temperature		395°C
Explosive properties		Not Applicable

9.2.3 Physical and chemical properties		Steel Galvanized: (Noistop® Green and Noistop® Colour)
Boiling point		Not Applicable
Melting point		1400-1500°C
Flash point		Not Applicable
Flammability		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

When insulation wool is heated to approximately 200°C for the first time(s), release of binder components and binder decomposition products occurs. The vapours arising from the decomposition are no different to those that can be expected from the decomposition of any organic material and are mainly from pyrolysis or burning of the resin. These vapours only occur for a short time and are mainly CO₂, CO, carbon particles and water. According to the test methods contained in the DIN 53 436 these vapours are classified as toxicologically harmless

Section 11: Toxicological information

Issue date: September 7th 2017

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11.1 Information on toxicological effects

(a) acute toxicity

No acute toxicity

(b) irritation

In the case of coarser fibres there can be physical effects on skin, upper respiratory system (mucous membranes) and eyes than can cause temporary, self-fading effects (e.g. itching). No chemical effects ensue.

(c) corrosivity

No corrosivity

(d) sensitisation

No sensitisation

(e) repeated dose toxicity

No repeated dose toxicity

(f) carcinogenicity

None.

Owing to their high bio-solubility, the fibre used in Lapinus® stone wool insulation materials are assessed as free from suspicion of possible carcinogenic effects in accordance with EU Directive 97/69/EC (Note Q). In October 2001, the International Agency for Research on Cancer (IARC) classified Rock (stone) wool insulation as Group 3 (not classifiable as to its carcinogenicity in humans). i.e. not classified as possibly carcinogenic to humans.

Further in the EU, the classification as carcinogenic is not applicable for mineral wools in this product; in accordance with the directive 97/69/EC and European Regulation 1272/2008, nota Q. (See also section 15). In Reach, Lapinus® fibres have no hazard classification.

In Germany the fibres are also TRGS 905, section 2.3. Compliant

(g) mutagenicity

No mutagenicity

(h) toxicity for reproduction

No toxicity for reproduction

Section 12: Ecological information

12.1 Toxicity

None : This product is not expected to cause harm to animals or plants during normal conditions of use.

12.2 Persistence and degradability

None

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

Relying on entrapped air for its thermal properties, Lapinus® does not, and never has used blowing agents with Ozone Depleting Potential or Global Warming Potential

Section 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Lapinus® Insulation is classified as non-hazardous waste. Lapinus® insulation waste is covered by the non-hazardous entry "17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03" in the European Waste Catalogue, established by EC Decision 2000/532/EC (hazardous waste). Under landfill regulations Lapinus® insulation waste is categorized as "waste accepted at landfills for non-hazardous waste" in accordance with EC Decision 2003/33/EC (landfill acceptance criteria).

Waste from residues and Packaging materials can be disposed with of in accordance with the regulations and procedures in force in country of use or disposal.

Lapinus® stone wool insulation materials are recyclable and in some markets recycling is possible.

Contact your supplier for your options.

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

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

None specified

Section 15: Regulatory information

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

The overall conclusion in accordance with the REACH regulation is that there are no hazardous classifications associated with Lapinus® fibres in respect to physical, health and environmental considerations

15.2 Chemical safety assessment

No assessment required

Section 16: Other information

Although REACH do not require a material safety data sheet to be provided for Lapinus® insulation, this format is used by Lapinus® to provide standardized health and safety information.

This Safety Data Sheet is in accordance with EU Directive 91/155/EEC, amended by 93/112/EC and 2001/58/EC. Includes formatting changes as detailed in Annex II of REACH (May 2010)

The Stone wool fibers of this product are exonerated from the carcinogenic classification according to the European directive 97/69/CE and the Regulation (EC) 1272/2008 if they fulfill one of the criteria of the nota Q of these texts. All products marketed by Lapinus® are made of non-classified fibers and are certified by EUCEB or RAL.

Both certifications are voluntary and certify 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

RAL identifies the certificate issued by Gutegemeinschaft Mineralwolle E.V. (GGM) of Frankfurt (Association for the quality of mineral wool, <http://www.ral-mineralwolle.de>).

EUCEB (European Certification Board for Mineral Wool Products - www.euceb.org) is issued by an independent certification body.

To ensure that fibers comply with the exoneration criteria all tests and supervision procedures are carried out by independent, expert qualified institutions. EUCEB ensures that the producers of mineral wool have put in place self-control measures.

The mineral wool producers commit to EUCEB to:

- supply sampling and analysis reports established by laboratories recognized by EUCEB, proving that the fibers comply with one of the four criteria of exoneration described in Note Q of the Directive 97/99/EC,
- be controlled, twice per year, of each production unit by an independent third party recognized by EUCEB (sampling and conformity to the initial chemical composition),
- put in place procedures of internal self-control in each production unit.

The products responding to the EUCEB certification can be recognized by the EUCEB logo put on the packaging. EUCEB is an ISO 9001:2000 certified association.



Persons who wish to obtain more detailed information have to contact the producer (address on the first page of this sheet).

Information given in this document is on the state of our knowledge regarding this material at the time of issue.

It is given in good faith.

The attention of users is drawn to possible risks taken when the product is used for other applications than the ones it has been designed for.

This information reflects typical values and is not a product specification. No warranty expressed or implied is hereby made.