

Safety Data Sheet



BASALT PRODUCTS (roving, chopped strands, fabric, powder, scales)

Date of Print: 27/3/25

Last revision: 27/03/2025

Basalt Products (roving, chopped strands, fabrics) are articles under EU regulation (REACH&CLP) and US regulation (TSCA) and therefore neither MSDS nor SDS is legally required. Basaltex decided to provide our customers with SDS for assuring the safe handling. This SDS was compiled in accordance with GHS

1. Product and company identification

1.1 Product identifier:

Product name: Basalt Product

1.2 Relevant identified uses of the article and uses advised against:

Relevant identified uses: Basalt fibers
Uses advised against: no data.

1.3 Details of the supplier of the safety data sheet:

BASALTEX nv
Zuidstraat 18
B-8560 Wevelgem, Belgium

1.4 Emergency telephone number:

Tel.: +32 (0)56 43 00 95
Fax.: +32 (0)56 42 42 34

2. Hazards identification:

2.1 Classification according to Regulation (EC) 1272/2008 (CLP)

This is an article.

2.2 Label elements: Labelling according to Regulation (EC) 1272/2008 (CLP)

Not applicable
This is an article

2.3 Other hazards

Mechanical irritation (itching)
Risk of stinging: presence of basalt shards
Exposure to airborne dust and fibers (inhalation)

3. Composition/information on ingredients

Substance: NA

Mixture:

Safety Data Sheet



BASALT PRODUCTS (roving, chopped strands, fabric, powder, scales)

Date of Print: 27/3/25

Last revision: 27/03/2025

Product/ingredient name	Content, Wt. %	CAS No.
Basalt Continuous filament	> 99	65997-17-3
Organic coating / sizing	< 1	Not available.

4. First-Aid Measures

Eye contact

- Rinse immediately and thoroughly with water, including under the eyelid, for at least 15 minutes.
- Do not rub or scratch the eyes.
- If eye irritation persists, consult a specialist.

Skin contact

In case of irritation:

- Wash off immediately with soap and cold water.
- DO NOT use warm water: it would open up the pores of the skin and cause further penetration of the fibers.
- Do not rub or scratch the irritated areas.
- Take off contaminated clothes.
- If skin irritation persists, consult a specialist.

In case of stinging:

- Remove the basalt shard carefully to avoid breaking it in the skin or the joints.
- Disinfect the entry point.
- If the shard is broken inside the skin, consult a specialist.

Inhalation

In case of irritation of the upper respiratory system and trachea:

- Move the victim to fresh air.
- If respiratory irritation persists, consult a specialist.

5. Firefighting measures

Product is non-flammable and non-combustible.

5.1 Extinguishing media:

Suitable extinguishing media:

Any of extinguishing agents, including water, carbon dioxide gas, foam, dry chemicals and powder are effective. Select an extinguishing agent depending on surrounding fire and circumstances (source of fire, etc.).

Unsuitable extinguishing media:

None known

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

Basalt fiber will not burn, but smoking of the product may occur at approximately 200 - 260 °C due to decomposition of sizing/coating and may decompose in a fire situation and release carbon monoxide, carbon dioxide, water and minute amounts of partial sizing/coating decomposition products.

BASALT PRODUCTS (roving, chopped strands, fabric, powder, scales)

Date of Print: 27/3/25

Last revision: 27/03/2025

5.3 Advice for firefighting:

Normal precautions for fire-fighters should be observed.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid build-up of dust
Avoid contact with eyes and skin.

6.2 Environmental precautions:

None

6.3 Methods and material for containment and cleaning up:

Absorb by mechanical means and dispose of according to Section 13. Avoid development of dust.

6.4 Reference to other sections:

For appropriate PPE see Section 8.
For waste disposal information see Section 13.

7. Handling and storage

7.1 Precautions for safe handling:

7.1.1. General recommendations

Avoid build-up of dust
Avoid contact with eyes and skin.
Avoid long lasting or intensive contact with skin
Eating, drinking, smoking, as well as food storage, is prohibited in work-room

7.1.2. Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable
Wash hands before breaks and at the end of work
Keep away from food, drink and animal feeding stuffs
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities:

Storage at room temperature and dry and in original packaging
Not to be stored in gangways or stair wells.

7.3 Specific end use(s)

BASALT PRODUCTS (roving, chopped strands, fabric, powder, scales)

Date of Print: 27/3/25

Last revision: 27/03/2025

Not available.

8. Exposure controls/personal protection

8.1 Control parameters

The fibers processed in our products are uniform and are not subject to EC Guideline 97/69/EC. Furthermore, our products are not considered carcinogenic according to EC Guideline 1999/45/EC and TRGS 220 (Germany). The basalt fibers processed in our products are produced according to a defined process and have a nominal diameter of 10 - 22 micron.

Manmade mineral fibers categorized in appendix 7 HazMat Ordinance or TRGS 521 are subject to a TRK value of 250,000 fibers/m³ according to TRGS 900.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Availability of a local suction is advised.

8.2.2 Personal Protective Equipment (PPE)

Occupational exposure control: Engineering control

Provide local exhaust and/or general ventilation system to maintain low exposure levels. Dust collection system must be used in transferring, cutting or machining operations or other dust generating processes. Vacuum or wet clean-up methods should be used.

Personal Protective Equipment: Respiratory protection

In situation where concentrations are above exposure limits, appropriate dust masks must be worn (FFP1 or FFP2 depending on the actual airborne concentration).

Eye/Face protection

Safety glasses with side shields.

Skin/Body protection

Appropriate protective gloves.

Long sleeved shirts and long pants.

General hygiene considerations

Wash hands before breaks and immediately after handling the product.

Avoid contact with skin, eyes and clothing.

Avoid getting dust into boots and gloves through wrist bands and pants tucks.

Remove and wash gloves, including in the inside, and contaminated clothing before re-use.

Safety Data Sheet



BASALT PRODUCTS (roving, chopped strands, fabric, powder, scales)

Date of Print: 27/3/25

Last revision: 27/03/2025

8.2.3 Environmental exposure control

No information available at present

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Shape/State of aggregation:	solid
Colour:	dark-olive
Odour:	inodorous
pH-Value (2g in 100 ml of water, 20 °C):	NA (DIN 54276)
Boiling point/boiling range:	NA
Melting point/melting range:	approx. 1050 °C (softening point of basalt)
Flash point:	NA
Flammability:	The products are non-combustible.
Ignition temperature:	NA
Self-ignition:	NA
Danger of explosion:	NA
Explosion limits lower:	NA upper: NA
Fire promoting properties:	Cannot be applied according to the laws of the European Community.
Vapour pressure:	NA
Density, expressed as bulk density (20 °C):	2.67 g/cm ³ (raw basalt)
Solubility in water:	Insoluble
Solubility in fat:	Insoluble
Distribution coefficient n-Octanol/water:	N/A

9.2 Other:

No additional information.

10. Stability and reactivity

Reactivity	Not to be expected
Chemical stability	The product is stable.
Possibility of hazardous reactions	No dangerous reactions are known
Conditions to avoid	None known
Incompatible materials	None known.
Hazardous decomposition products	No decomposition when used as directed.

11. Toxicology data

Acute toxicity, e.g. LD50:	no data available
Specific symptoms of animal tests:	no data available
Primary irritant/caustic action:	no data available

Safety Data Sheet



BASALT PRODUCTS (roving, chopped strands, fabric, powder, scales)

Date of Print: 27/3/25

Last revision: 27/03/2025

Sensitization:	no data available
Effects after repeated or prolonged exposure (sub-acute to chronic toxicity):	no data available
Carcinogenic risks:	no, 97/69/EC
Genotype and reproduction risks:	no data available
Other:	See item 8.2

12. Ecological information

Toxicity:	no data available
Persistence and degradability:	no data available
Bio accumulative potential:	no data available
Mobility in soil:	no data available
Results of PBT and vPvB assessment:	no data available
Other adverse effects:	no known significant effects or

13. Disposal considerations

Waste treatment methods:

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

10 11 03 waste of glass-based fibrous materials

Recommendation:

Sewage disposal shall be discouraged

Pay attention to local and national official regulations

Suitable for incineration and dispose at suitable refuse site

14. Transport (national/international)

UN number:	None.
UN proper shipping name:	Not regulated.
Transport hazard class(es):	None.
Packing group:	-
Environmental hazards:	No.
Special precautions for user:	Not available.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not available.

15. Regulatory information

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

For classification and labelling see section 2

Safety Data Sheet



BASALT PRODUCTS (roving, chopped strands, fabric, powder, scales)

Date of Print: 27/3/25

Last revision: 27/03/2025

Products don't contain SVHC's with a weight percentage of > 0.1%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

16. Other information

NA

Disclaimer:

Data quoted in this Safety Data Sheet relate exclusively to the basalt product described and not to a combination of this product with any other kind of substance, a different preparation, or a different material resp. process. The data describes issues relevant to safety according to the best of our knowledge as it is to date and are intended to protect human beings and the environment. They do not represent quality characteristics nor may they be construed as a release of responsibility when handling basalt products nor from compliance with existing legal regulations and obligations. The data address wholesalers and are not intended for private users.