

# Safety Data Sheet



## BASALT FABRICS

Date of Print: 7/7/15

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### 1. Identification

Identity of the Product: Basalt fabrics (dry fabrics, multi-axial fabrics, knitted fabrics,...)

Manufacturer : BASALTEX nv  
Zuidstraat 18  
B-8560 Wevelgem, Belgium

Emergency Contact: Tel.: +32(0)56.420.095  
Fax.: +32(0)56.424.234

REACH : this product is exempt of register

### 2. Hazard(s) Identification

Identification of the hazard: N/A

Health hazards:

Short term hazard: Not likely to occur, basalt continuous filaments can be mechanically irritant: irritation of the skin, eyes and respiratory tract.

Long term hazard: There is no known health effect connected with long term use or contact with this product.

Environmental hazards : N/A

### 3. Composition / Chemical Description

Textile products made of mineral continuous filament fibres with a nominal diameter between 10-22 µm and moisture content below 0.1%.

Classification base : Based on present data, no classification and labelling is required according to Directive 67/548CEE or 1999/45/CE GHS  
Based on present data no classification and labelling is required according to Directive 1272/2008/EC and its amendments (CLP Regulation, GHS)

### 4. First-aid measures

Inhalation: No specific treatment is necessary as this material is not likely to be inhaled, unless the material is in dust form: see infra 8.

Skin contact: Wash with soap and running water.

Eye contact: Immediately flush with plenty of water. Get medical attention if problem develops.

Ingestion: Ingestion of this material is unlikely. If it does occur, get medical attention.

### 5. Fire Fighting measures

Suitable extinguishing media: Not applicable. Product will not support combustion. The products are non-combustible.

Hazardous decomposition: None known.

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### 6. Accidental release measures

Personal protective equipment: See infra 8.  
Environmental protection: Prevent spread of basalt fibre dust and avoid dust-generating conditions.  
Cleaning procedures: Vacuum clean dust. If sweeping is necessary, use a dust suppressant.

### 7. Handling and storage

Handling: Increased mechanical stress of the basalt roving may generate dust and airborne fibers, which may cause discomfort. At skin contact, skin irritations are possible. Availability of a local suction is advised. The general hygiene rules and measures applying for the handling of chemicals must be employed.

Fire and explosion related information: The products are non-combustible

Storage room/warehouse requirements: Storage rooms must be well ventilated. Store products in original packing, which should be intact.

Storage conditions : Storage at room temperature and dryly. Protect against humidity.

### 8. Exposure Limits and Personal Protective Equipment

#### Substances with work-place related limit values/classification subject to control:

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/m<sup>3</sup> according to TRGS 900.

**Personal protective equipment (PPE)** If the instructions of item 7 is complied with, PPE is not required.

Respiratory protection: At elevated airborne fiber and dust levels, we recommend to use a respiratory equipment (dust mask with fine filter according to EN 143), Filter P1 (EN 141).

Eye protection: In case of airborne fibers and dust, we recommend to wear safety glasses (EN 166).

Hand protection : We recommend safety gloves to avoid possible skin irritation (leather or cotton gloves).

Body protection: Long-sleeved safety clothing as well as normal personnel protective equipment (e.g. safety boots EN344).

**General protection and hygiene :** Wash hands thoroughly. In case of sensitive skin, apply a rich, protective hand lotion/cream. To protect against skin irritation, avoid wearing tight-fitting garments.

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### 9. Physical and chemical properties

Appearance: solid  
Colour: green-brown  
Odour: inodorous

#### Safety Related Data

	Value	Unit	Method
Boiling point	N/A	°C	N/A
Melting point	1450±150	°C	-
Vitrification point	1050±100	°C	-
Decomposition point	N/A	°C	N/A
Inflammation point	Non-combustible		
Self inflammation	Not self-inflaming		
Explosion limits	N/A		
Specific gravity	2.67	g/cm <sup>3</sup>	20°C
Solubility in water	Insoluble		20°C
PH (DIN 54276)	N/A		20°C, 100g/l
Vapour pressure	N/A	Mm Hg	(air = 1)
Evaporation rate	N/A		(n-butyl acetate = 1)

### 10. Stability and reactivity

Stability: Stable  
Conditions to avoid: Humidity  
Materials to avoid: None known  
Hazardous decomposition or by-products: None known  
Hazardous polymerisation Products: Will not occur

### 11. Toxicological information

Toxicological tests: N/A  
Carcinogenic risks: No 97/69/EC  
Others: See item 8  
The basalt continuous filament has diameter >5µm and does not split longitudinally.

### 12. Ecological information

N/A - Basalt has its origin in nature.

### 13. Disposal considerations

Product: EWC-code 101103  
Appropriate (waste) dump or garbage incinerating plant.  
Uncleansed packaging: Removal and recycling in accordance with local public regulations.

### 14. Transport information

ADR / VLG: N/A  
IMCO: N/A  
IATA: N/A  
Non-hazardous transport goods according to above-mentioned instructions. Weather protection recommended.

### 15. Regulatory information

In accordance to current EC-regulations:  
Refer to common precautions and local public regulations for handling of chemicals.  
According to the calculating method of the "General Classification Guidelines for Compositions in the EC", the product has no labelling obligation.

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### 16. Other information

All data in this SDS are based on the current state of knowledge, however they do not certify product properties and they do not justify legal liability. As BASALTEX nv can't control the use of the end-product, the consumer has to determine under which circumstances the product can be used safely. This Safety Data Sheet is exclusively intended for professional use.