



CBF Fabrics/Tapes

Safety Data Sheet

1. Identification

Product description:	CBF fabrics/tapes (dry fabrics, UD/multi-axial fabrics, knitted fabrics).
Manufacturer:	"UBT" LLC 20, Pushkinska Str., office 39, 01024, Kyiv
Contact:	info@ukrbastech.com
REACH:	this product is exempt of register

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2. Hazard(s) Identification

Identification of the hazard:	N/A
Health hazards:	N/A
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 (fabrics and tapes) made of mineral CBF monofilaments with a nominal diameter between 5-9 μm and moisture content below 1%.
Classification base:	Based on present data, no classification and labeling is required according to Directive 67/548/CEE or 1999/45/CEGHS Based on present data no classification and labeling is required according to Directive 1272/2008/EC and its amendments (CLP Regulation, GHS)

4. First Aid

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

Suitable extinguishing media:	Not applicable. Product will not support combustion. The products are non-combustible.
Hazardous decomposition:	None known.

6. Accidental release measures

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

7. Handling and storage

Handling:	Increased mechanical stress of the products may generate dust and airborne fibers, which may cause discomfort. At skin contact, skin irritations are possible. 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 (20-22 C*) and dryly. Protect against humidity (55-65% is recommended).

8. Exposure Limits and Personal Protective Equipment.

Substances with work-place related limit values/classification subject to control:	Consult with local authorities for acceptable exposure limits. 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 5-9 micron. Manmade mineral fibers categorized in appendix 7 HazMat Ordinance or TRGS 521 are subject to a TRK value of 250,000 fibers/m ³ according to TRGS 900.
Personal protective equipment (PPE)	If the instructions of item 7 are 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.

9. Physical and chemical properties

Appearance	Solid
Color	golden-brown
Odor	inodorous

SafetyRelatedData	Value	Unit	Method
Boiling point	N/A	°C	
Melting point	1450-1550	°C	
Vitrification point	1050±100	°C	
Decomposition point	N/A	°C	
Inflammation point	Non-combustible		
Self-inflammation	Not self-inflaming		
Explosion limits	N/A		
Specific gravity	2.6	g/cm ³	20 °C
Solubility in water	Insoluble		20 °C
PH (DIN 54276)	N/A		20 °C, 100g/l
Vapor pressure	N/A	Mm Hg	(air = 1)
Evaporation rate	N/A		(n-butyl acetate = 1)

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10. Stability and reactivity

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

11. Toxicology data

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. Ecology data

N/A - Basalt is inorganic material and has its original mineral nature.

13. Disposal

Product:	
Unclean packaging:	Appropriate (waste) dump or garbage in cinerary plant. 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. Avoid exceeding humidity. Keep products avoiding from mechanical impact or stress.

15. Regulation

In accordance to current EC-regulations:

Refer to common precaution 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 labeling obligation.

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16. Other

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 UBT 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.

DISCLAIMER OF LIABILITY

This information and data contained herein is offered solely as a guide in the selection of product. The information mentioned in this leaflet is based on actual laboratory data and field test experience. Because of numerous factors in downstream processability affecting results, we believe this information to be reliable but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user, by accepting the products described herein, agrees to be responsible for thoroughly testing any application of the product to determine its suitability and compliance before committing to production. It is important for the end-user to determine the properties of its own commercial compounds when using this product. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe on any patent or violate any law, safety code, or insurance regulation. UBT reserves the right to modify this document without prior notice.