

Manufacturer's Material Safety Data Sheet

1. Chemical product and company Identification

Product Name	CONTINUOUS BASALT FIBER AND BASALT FIBER TEXTILES
Other Name	DBT753
Physical Description	Texturized basalt fiber tape DBT series
Uses	Provide protection of industrial wires, cables, hoses, tube and pipe and also provide thermal insulation and personnel protection. Also used as a gasket or seal and exhaust wrap.
Supplier Name	Darco Industries
Address	20 Dobra Road, Yangebup 6164
Telephone	08 9418 8826
Fax	N/A
E-Mail	Sales2@darco.com.au
Emergency	0402 002 359

2. HAZARDS IDENTIFICATION

This product with no health hazards from normal use.

Potential Health effects: Inhalation, skin contact, eye contact, ingestion

- Inhalation: The diameter of Continuous basalt fiber is more than 5 um. It is continuous; It will not cause inhalation from respiratory tract.
- Skin contact: Not expected to be a skin irritant under normal use conditions. If it cause uncomfortable or sensitivity contact with skin, then discontinue use.
- Eye contact: may cause little irritation to the eye.
- Ingestion: It will not happen generally.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS NO.	Chemical Name	Percent	EINECS
7631-86-9	SiO ₂	51.6%~59.3%	231-545-4
1344-28-1	Al ₂ O ₃	14.6%~18.3%	215-691-6
1305-78-8	CaO	5.9%~9.4%	215-138-9
1309-48-4	MgO	3.0%~5.3%	215-171-9
1313-59-3	Na ₂ O+K ₂ O	3.6%~5.2%	215-208-9

4. FIRST AID MEASURES

Eye	Flush gently with running water.
Inhalation	If exposure occurs leave area immediately. If irritation persists seek medical attention.
Skin	Remove contaminated clothing, cleanse skin with mild soap and warm water.

4. FIRST AID MEASURES

Ingestion Due to product form ingestion is considered unlikely.
Advice To Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Non flammable
Fire and Explosion Wear self-contained breathing apparatus approved by NIOSH.
Extinguishing Water, CO₂ or dry chemical.
Hazchem Code Non-allocated.

6. ACCIDENTAL RELEASE MEASURES

Spillage Dust or loose fibres should be vacuumed up or swept up with aid of a dust suppressant.

7. HANDLING AND STORAGE

Handling For maximum comfort, avoid excessive contact with skin and use good personal hygiene.
 Store in a dry area.
Storage No special precautions are required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Local exhaust.
 Mechanical – recommended.
Exposure Standards

PPE Use safety glasses.
 Avoid excessive contact and use good personal hygiene. Shower at the end of the work day.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid in tan to light brown colour.
Odour: None
pH: Not applicable
Vapour Pressure: Not applicable
Vapour Density: Not applicable
Boiling Point: Not applicable
Melting Point: 800°C
Evaporation Rate: Not applicable
Solubility (water): Insoluble
Specific Gravity: 2.5 average
% Volatiles: Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Flammability: Not applicable
Flash Point: Not applicable
Upper Explosion Limit: Not applicable
Lower Explosion Limited: Not applicable
Autoignition Temperature: Not applicable

10. STABILITY AND REACTIVITY

Reactivity Stable
Decomposition Products

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary Low toxicity – irritant.
Eye Irritant. Exposure to fibres may result in irritation, pain and redness.
Inhalation Irritant. Exposure to fibres may result in irritation of the respiratory tract.
Skin Irritant. Prolonged contact may result in irritation, itching and possible skin rash.
Ingestion Not applicable Due to product form ingestion is highly unlikely.
Toxicity Data

12. ECOLOGICAL INFORMATION

Environment

13. DISPOSAL CONSIDERATIONS

Waste Disposal Legislation To land fill. Dispose of in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Transport No restrictions.
UN Number None allocated
DG Class None allocated
Risk(s) None allocated
Packing Group None allocated
Hazchem Code None allocated

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number has not been allocated.

16. OTHER INFORMATION

Additional Information	Contains binders and additives not to exceed 2.5%. Materials are non-hazardous in form as contained on the fabric. If laminated to aluminium foil, the adhesive level will not exceed 3.1%.
Report Reviewed	27/5/2013
Date Printed	27.02.2024
Report Status	COMPLETE
Prepared By	Darco Industries

End of Document

DISCLAIMER

The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.