

## Manufacturer's Material Safety Data Sheet

### 1. Chemical product and company Identification

<b>Product Name</b>	<b>VERMICULITE COATED E-GLASS</b>
<b>Product Series</b>	DEF Series Fabrics, DET Tapes,
<b>Physical Description</b>	Vermiculite Coated E-glass
<b>Uses</b>	Provide high temperature insulation protection
<b>Supplier Name</b>	Darco Industries
<b>Address</b>	20 Dobra Road, Yangebup, WA 6164
<b>Telephone</b>	08 9418 8826
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<b>E-Mail</b>	<a href="mailto:sales@darco.com.au">sales@darco.com.au</a>
<b>Emergency</b>	0402 002 359

### 2. HAZARDS IDENTIFICATION

Warning dust from this product generated by handling may cause skin, eye and respiratory tract irritation. Possible hazards depend on duration and level of exposure.

Hazardous Materials information system(HMIS) Ratings:

Health:

- 1 Flammability
- 0 Reactivity
- 0 Personal Protection Index

Possible effects on health:

- prolonged and repeated inhalation of Aluminosilicate dust may cause chronic effects on respiratory system such as bronchitis, asthma, and emphysema signs
- Eye contact: physical irritation
- Skin contact: physical irritation
- Ingestion: temporary irritation to gastrointestinal tract
- Inhalation: pulmonary dysfunction.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS NO.	Chemical Name	Percent	Other	
	Fiberglass, continuous filament	>85	10mg/m3 8-hr TWA	3x10 fibers/m3 10-hr TWA (NIOSH)

4. FIRST AID MEASURES

- Eye** Wash immediately with large amounts of lukewarm water for at least 15 minutes.
- 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.
- 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, CO<sub>2</sub> 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 white/off-white/tan coloured.
- Odour:** None
- pH:** Not applicable
- Vapour Pressure:** Not applicable
- Vapour Density:** Not applicable
- Boiling Point:** Not applicable
- Melting Point:** 800°C

9. PHYSICAL AND CHEMICAL PROPERTIES

**Evaporation Rate:** Not applicable  
**Solubility (water):** Insoluble  
**Specific Gravity:** 2.59 average  
**% Volatiles:** Not applicable  
**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

14. TRANSPORT INFORMATION

**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%.

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**DISCLAIMER**

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