

Manufacturer's Material Safety Data Sheet

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	SILICA GLASS NEEDLE MAT
Other Name	High Silica Glass Fibre Mat. Darco product code DSNMxx/x
Physical Description	Silica Glass Fibre
Uses	Industrial Insulation
Supplier Name	Darco Industries
Address	20 Dobra Road, Yangebup, WA 6164
Telephone	08 9418 8826
Fax	N/A
E-Mail	Sales2@darco.com.au
Emergency	0402 002 359

2. HAZARDS IDENTIFICATION

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
High Silica Glass. Made from chaotic orientated needled high silica glass fibres.	SiO ₂	95%	
	Al ₂ O ₃	3.5%	

4. FIRST AID MEASURES

Eye	Gently remove coarse fibre, rinse fine fibre with water from nose to eye corner.
Inhalation	Encourage coughing with mucous producing solution (i.e. inhalation of water steam)
Skin	Gently remove fibre with water or soap.
Ingestion	Without importance.
Advice To Doctor	No specific medical precaution necessary.

5. FIRE FIGHTING MEASURES

Flammability	Non-combustible
Fire and Explosion	Not applicable.
Extinguishing	Use extinguisher suitable for packaging and surrounding materials. Water, foam or powder.
Hazchem Code	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Spillage	Personal precautions – Nil. Environment – Textile glass products are ecologically harmless.
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7. HANDLING AND STORAGE

Handling	Rear safety gear (gloves, glasses, dust mask) in order to minimise the possible risk of contact with skin, mucous membranes and eyes and decrease irritations and allergies.
Storage	Store dry and in manufactures bag. Avoid direct sun light. Best storage conditions: - temperature between 10-35°C, humidity between 40% and 70%.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation	Vacuum cleaning at the job site for fine fibre dust.
Exposure Standards	None.
PPE	Not necessary.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless
Odour:	None
pH:	Neutral in aqueous solution.
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable
Boiling Point:	Not applicable
Melting Point:	1700°C
Evaporation Rate:	Not applicable
Solubility (water):	Insoluble.
Specific Gravity:	2.61
% Volatiles:	Not applicable
Flammability:	Not applicable
Flash Point:	Not applicable
Upper Explosion Limit:	Not applicable
Lower Explosion Limited:	Not applicable
Auto-ignition Temperature:	Not applicable

10. STABILITY AND REACTIVITY

Reactivity None
Decomposition Products None

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary Textile glass products do not contain hazardous or toxic ingredients according to the GetStoffV of 26.08.1986. Textile glass products are not carcinogenic. They have a nominal filament diameter of 9µm. The smallest possible filament diameter is 6µm. According to the TRGS 905 (April 1996) fine dust can be carcinogenic only if all of the following conditions are fulfilled:
 Fibre length <5µm, diameter <3µm, ratio of length to diameter <3:1.

Eye
Inhalation
Skin
Ingestion
Toxicity Data

12. ECOLOGICAL INFORMATION

Environment High silica glass fibres are made from mineral raw material and do not have essential organic substances. They are not biologically decomposable. High silica glass fibres are ecologically harmless.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Legislation Dispose of in accordance with local, state and federal regulations. The primary method of disposal is in a municipal or industrial landfill.
 None.

14. TRANSPORT INFORMATION

Transport No restrictions.
UN Number 31416 Mineral Fibre waste.
DG Class
Risk(s) Not hazardous
Packing Group
Hazchem Code

15. REGULATORY INFORMATION

Poison Schedule Not applicable.

16. OTHER INFORMATION

Additional Information None
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DISCLAIMER

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