
MATERIAL SAFETY DATA SHEET

No Classification under EEC Directive 76/548/EEF
Refer Worksafe Australia Classifying Clause 1.14

1. IDENTIFICATION OF MATERIAL & SUPPLIER

Product Names	Insulfrax® Insulfoam	
Other Names	Carbowool Spun Bulk Fibre Blanket Modules Insulfrax Rope Insulfrax Braids Insulfrax S	
UN Number	None allocated	
DG Class	None allocated	
Manufacturer's Product Code	None	
Hazchem Code	Not allocated	
Poisons Schedule	None allocated	
Product Use	Heat Insulation	
Manufacturer/Supplier:	Unifrax Limited Mill Lane, Rainford St. Helens Merseyside 20 WA118L UK	Unifrax Australia Pty. Ltd. 336 Settlement Road Thomastown 3074 Victoria Australia
Contact Information:	See page 6.	

2. HAZARDS IDENTIFICATION

Flammability	
Fire Hazards:	Non flammable
Explosive Hazards:	Non explosive

MATERIAL SAFETY DATA SHEET

No Classification under EEC Directive 76/548/EEF
Refer Worksafe Australia Classifying Clause 1.14

Health Hazards: Temporary irritation to eyes, skin, respiratory system and disturbances to Gastro intestines.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	Name	CAS	Proportion
	Calcium Silicate	65997-17-3	100%
	Magnesia		

4. FIRST AID MEASURES

Ingestion: Drink plenty of water..

Eye: Flush immediately with large amount of water.

Skin: Rinse affected areas with water and soap. Do not use detergent.

Inhalation: Remove exposed person/s from source of exposure to fresh air. Blow nose to evacuate fibres.

ADVICE TO DOCTOR: Acute irritation and/or inflammation are due to mechanical action.

5. FIRE FIGHTING MEASURES.

Fire Explosion Hazard: Not Flammable and not explosive.

**Hazardous Reactions/
Decomposition Products** Refer to SAFE HANDLING INFORMATION

Hazchem Code: None Allocated.

MATERIAL SAFETY DATA SHEET

No Classification under EEC Directive 76/548/EEF
Refer Worksafe Australia Classifying Clause 1.14

6. ACCIDENTAL RELEASE MEASURES

**Spills or Release
To the Environment**

Do not flush into drain. Prevent entry into waterways.
Do not allow to be windblown.
Use vacuum cleaning equipment fitted with HEPA filters to collect debris. Use dust extraction equipment. Avoid procedures that will generate airborne fibres.

7. HANDLING & STORAGE

Storage Precautions: Keep packaged in original packaging when not in use.

Safe Handling: Respirators, gloves & safety eye ware are recommended.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Limits:

<u>Name</u>	<u>CAS No.</u>	<u>Exposure</u>
Calcium Silicate Magnesia.	65997-17-3	TWA .5 f/ml **

** National Occupational and Safety Commission - National Code of Practice for the safe use of Synthetic Fibers.

This Product was invented in 1992, no epidemiological or toxicological studies are available. Studies based on chemically similar fibre using lifetime nose only inhalation, showed no fibrosis or significant increase in lung tumours in exposed animals. In addition, lifetime studies with fibreglass show no irreversible effects.

As available, animal study results with Insulfrax fibre will be presented.

Personal Protection:

Respirators are recommended. All respirators used shall comply with the provisions of AS1715 and 1716. Gloves are recommended to avoid skin irritation. Safety eye ware is also recommended particularly for above head work.

MATERIAL SAFETY DATA SHEET

No Classification under EEC Directive 76/548/EEF
Refer Worksafe Australia Classifying Clause 1.14

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Off white - bluish fibre
Boiling/Melting Point	>1260°C
Vapour Pressure	Not determinable
Specific Gravity	2.6
Flash Point	Not determinable
Flamm. Limit	Not determinable
Solubility in Water(g/L)	< 0.1

10. STABILITY & REACTIVITY

Stability: Stable under normal conditions of use.

Hazardous Reactions Refer to SAFE HANDLING INFORMATION
Decomposition Products

11. TOXICOLOGICAL INFORMATION

Toxicology data and epidemiological studies are not available. Refer to 'Precautions for Use' section for further information.

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Waste shall be placed in containers, plastic bags or other methods which will prevent Fiber and/or dust emission and disposed of in accordance with the local waste disposal authority requirements. There may be specific regulations at the Local, State or Federal level that pertain to this material.

MATERIAL SAFETY DATA SHEET

No Classification under EEC Directive 76/548/EEF
Refer Worksafe Australia Classifying Clause 1.14

14. TRANSPORT INFORMATION

No special transport requirements are necessary.

UN Number	None Allocated
Shipping Name	None Allocated
DG Class	None Allocated
Packaging Group	None Allocated
Hazchem Code	None Allocated
Poisons Schedule	Not Scheduled
Product Use:	Thermal Insulation

15. REGULATORY INFORMATION

Risk Statement: Irritation or soreness in throat and nose congestion may occur in extreme exposures.

Safety Statement: S22 Do not breathe dust. S52 Avoid contact with eyes. S38 In insufficient ventilation, wear suitable respiratory equipment. S40 To clean floor and all objects contaminated by this Material, use AS approved HEPA fitted vacuum cleaner. S36/37/39 Wear suitable protective clothing, gloves and eye/ Face protection.

Hazard Category: Irritant.

Poisons Schedule: Not scheduled.

Unifrax Australia Pty. Ltd.

326 Settlement Road
Thomastown, VIC 3074

ACN 093 625 757

Ph: (03) 9463 0000 Fax: (03) 9464 1176



INSULFRAX®

MATERIAL SAFETY DATA SHEET

No Classification under EEC Directive 76/548/EEF
Refer Worksafe Australia Classifying Clause 1.14

16. OTHER INFORMATION

Contact:	During Business Hours	Ph: +61 3 9463 0000
Customer Service Toll Free:		Ph: 1300 797 888
Emergency / After Hours Contact:		Alan Smith
		Ph: 0409 288 916

References: Replaces MSDS dated 27 March 2007.

NOTICE: *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, nor is any authorisation given or implied to practise any patented invention without licence. In addition, no responsibility can be assumed by the 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.*

.....End of Report.....

Authorised by: Alan Smith
Version: 1.3
Control Status: Controlled Document
Created on: 01/08/07