
MATERIAL SAFETY DATA SHEET

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

1. IDENTIFICATION OF MATERIAL & SUPPLIER

Brand Name: Insulfrax®

Product Name: Insulfrax® Board
Insulfrax® H Board

Other Names: Carbowool Board
Uniboard
Uniblock
Insulfrax Silplate 1112

UN Number: None
DG Class: None
Manufacture's Product Code: None
Hazchem Code: None
Poisons Schedule: None
Product Use: Heat Resistant Insulating Product

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 5

2. HAZARDS IDENTIFICATION

Flammability
Fire Hazards: Non flammable
Explosive Hazards: Non explosive
Health Hazards: Temporary irritation to eyes, skin, respiratory system and disturbances to Gastro intestines.

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3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	Name	CAS	Proportion
	Calcium Silicate	65997-17-3	> 90%
	Magnesia		
	Silica (amphorous)	7631-86-9	2 – 5%
	Starch	9005-25-8	2 – 5%

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.

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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:	Name	CAS No.	Exposure
	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.		

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.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Blueish / White Board
Melting /Boiling Point: >1330°C
Vapour Pressure Not applicable
Specific Gravity 2.0 – 3.0

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9. Physical & Chemical Properties cont'd:

Flash Point	None
Flamm. Limit	Not applicable
Solubility in Water (g/L)	< 0.1

10. STABILITY & REACTIVITY

Stability:	Stable under normal conditions of use.
Hazardous Reactions Decomposition Products	Refer to SAFE HANDLING INFORMATION

11. TOXICOLOGICAL INFORMATION

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 fiberglass show no irreversible effects.

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

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.
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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

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: Harmful, irritant.

Poisons Schedule: Not scheduled.

16. OTHER INFORMATION

Contact: During Business Hours Ph: +61 3 9463 7100

Emergency / After Hours Contact: Alan Smith
Ph: 0409 288 916

References: Replaces MSDS dated 01 August 2007.

Unifrax Australia Pty. Ltd.

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Thomastown, VIC 3074

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INSULFRAX® BOARDS

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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.....

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