

Unifrax Australia Pty. Ltd.

326 Settlement Road
Thomastown, VIC 3074

ACN 093 625 757



INSULFRAX® Rigifrax

Ph: (03) 9463 7100 Fax: (03) 9464 5472

MATERIAL SAFETY DATA SHEET

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

1. IDENTIFICATION OF MATERIAL & SUPPLIER

Brand Name: INSULFRAX® Rigifrax®

Other Names:

UN Number: None

DG Class: None

Manufacture's Product

Code: None

Hazchem Code: None

Poisons Schedule: None

Product Use: Thermal insulating for non-ferrous metal casting.

Manufacturer/Supplier: Unifrax Australia Pty. Ltd.
336 Settlement Road
Thomastown 3074
Victoria
Australia

Contact Details: See Page 6.

2. HAZARDS IDENTIFICATION

Flammability

Fire Hazards: Non flammable

Explosive Hazards: Non explosive

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

Authorised by: Alan Smith
Version: 1.4
Control Status: Controlled Document
Created on: 01/05/10

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3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	Name	CAS	Proportion
	Calcium Silicate Magnesia	65997-17-3	50-80%
	Colloidal Silica	7631-86-9	0-30%
	Magnesium oxide	1309-48-4	0-9.99%
	Other ingredients determined not to be hazardous	Mixture	

4. FIRST AID MEASURES

Ingestion: Ingestion is unlikely. If ingested, DO NOT induce vomiting. The preferred method of elimination is through dilution and natural gastrointestinal elimination. Drink extra water or milk.

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.

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9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Solid Material
Melting /Boiling Point: >1330°C
Vapour Pressure Not applicable

9. Physical & Chemical Properties cont'd:

Specific Gravity 1.20
Flash Point None
Flamm. Limit LEL Not applicable
Flamm. Limit UEL Not applicable

OTHER PROPERTIES

Autoignition Temp. None
Vapour Density Not applicable
pH Value Not applicable
Viscosity Not applicable
Haz. Polymerisation None
Materials to Avoid Incompatible with hydrofluoric acid, phosphoric acid and concentrated alkalis
Formula Not applicable: Mixture
Molecular Weight Not applicable: Mixture

10. STABILITY & REACTIVITY

Stability: Stable under normal conditions of use.

Hazardous Reactions Refer to SAFE HANDLING INFORMATION
Decomposition Products

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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.

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

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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.

15. Regulatory Information cont'd:

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.

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.*

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