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## MATERIAL SAFETY DATA SHEET

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

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### 1. IDENTIFICATION OF MATERIAL & SUPPLIER

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**Product Names** Insulfrax® Moist Pack

**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	Unifrax Australia Pty. Ltd.
Mill Lane, Rainford	336 Settlement Road
St. Helens	Thomastown 3074
Merseyside 20 WA118L	Victoria
<b>UK</b>	<b>Australia</b>

**Contact Details:** See Page 5.

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### 2. HAZARDS IDENTIFICATION

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**Flammability**

**Fire Hazards:** Non flammable

**Explosive Hazards:** Non explosive

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

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### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

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<b>Ingredients:</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Water	7732-18-5	30-70%
	Calcium Silicate Magnesia	65997-17-3	10-40%
	Silicon Dioxide (amorphous)	7631-86-9	10-30%

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Authorised by: Shaun Francis

Version: 1.6

Control Status: Controlled Document

Created on: 14/02/2013

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### 4. FIRST AID MEASURES

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<b>Ingestion</b>	Drink large volumes of water.
<b>Eye</b>	Flush eyes with water
<b>Skin</b>	Rinse affected areas with water and soap. Do not use detergent.
<b>Inhalation</b>	Remove to fresh air and blow nose to evacuate fibres.
<b>First Aid Facilities</b>	Eye wash facilities are recommended if eye contact is probable.

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

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### 5. FIRE FIGHTING MEASURES.

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<b>Fire Explosion Hazard:</b>	These products are non-combustable, surrounding combustible materials should determine extinguisher selection.
<b>Hazardous Reactions/ Decomposition Products</b>	Refer to SAFE HANDLING INFORMATION
<b>Hazchem Code:</b>	None Allocated.

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### 6. ACCIDENTAL RELEASE MEASURES

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<b>Spills or Release To the Environment</b>	Do not flush to drain. Prevent entry to waterways. Do not allow to be windblown.
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### 7. HANDLING & STORAGE

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**Storage Precautions:** No special storage requirements.  
Keep packaged in original packaging when not in use.

**Handling:** Respirators are recommended. Gloves are recommended to avoid skin irritation. Safety eyewear is also recommended particularly for overhead work.

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### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

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#### Exposure Limits

<u>Name</u>	<u>CAS No.</u>	<u>Exposure</u>
Calcium Silicate Magnesia f/ml**	65997-17-3	TWA 0.5

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

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 eyewear is also recommended particularly for overhead work.

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### 9. PHYSICAL & CHEMICAL PROPERTIES

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<b>Appearance</b>	Moist Fibrous product with no odour
<b>Boiling/Melting Point</b>	>1260°C
<b>Vapour Pressure</b>	Not determinable
<b>Specific Gravity</b>	8.0
<b>Flash Point</b>	Not determinable
<b>Flamm. Limit</b>	Not determinable
<b>Solubility in Water(g/L)</b>	< 0.1

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### 10. STABILITY & REACTIVITY

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

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### 11. TOXICOLOGICAL INFORMATION

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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.

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### 12. ECOLOGICAL INFORMATION

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Not available.

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### 13. DISPOSAL CONSIDERATIONS

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**Disposals:** Do not flush to drain. Prevent entry to waterways. Do not allow to be windblown.

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### 14. TRANSPORT INFORMATION

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No special transport requirements are necessary.

<b>UN Number</b>	None allocated
<b>DG Class</b>	None allocated
<b>Hazchem Code</b>	Not allocated
<b>Poisons Schedule</b>	None allocated
<b>Product Use</b>	Heat Insulation

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### 15. REGULATORY INFORMATION

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**Risk Statement:** R40 (3) Possible risk of irreversible effects. R36/37/38 Irritating to eyes, respiratory system and skin.

**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.

Unifrax Australia Pty. Ltd.

336 Settlement Road  
Thomastown, VIC 3074

ACN 093 625 757

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



INSULFRAX® MOIST PACK

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### 16. OTHER INFORMATION

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

**Emergency / After Hours Contact:** Peter Willoughby  
Ph: 0409 288 917

**References:** Replaces MSDS dated 19 March 2012

**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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