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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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<b>Product Name</b>	Insulfrax® FT Paper & DS Paper	
<b>Other Names</b>	Insulfrax Paper Carbowool Paper Insulfrax S Paper	
<b>UN Number</b>	None	
<b>DG Class</b>	None	
<b>Manufacture's Product Code</b>	None	
<b>Hazchem Code</b>	None	
<b>Poisons Schedule</b>	None	
<b>Product Use</b>	Heat Insulation	
<b>Manufacturer/Supplier:</b>	Unifrax Limited Mill Lane, Rainford St. Helens Merseyside 20 WA118L <b>UK</b>	Unifrax Australia Pty. Ltd. 336 Settlement Road Thomastown 3074 Victoria <b>Australia</b>
<b>Contact Details:</b>	See Page 6.	

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### 2. HAZARDS IDENTIFICATION

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<b>Flammability:</b>	These products are non combustible, surrounding combustible materials should determine extinguisher selection.
<b>Fire Hazards:</b>	None
<b>Explosive Hazards:</b>	Non Explosive
<b>Health Hazards:</b>	Irritating 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 Magnesia	65997-17-3	88 - 94%
	Acrylic	none	6 - 12%

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### 4. FIRST AID MEASURES

<b>Ingestion</b>	Drink lots 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.
<b>Advice to Doctor</b>	Pre-existing medical conditions may be aggravated by exposure, specifically, bronchial hyper-activity and chronic bronchial or lung disease. Persons chronically exposed to aluminosilicate should be periodically monitored with chest X-rays and pulmonary function testing. Granulomatous skin reactions may occur if material gains entry to open wounds.

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### 5. FIRE FIGHTING MEASURES.

<b>Fire Explosion Hazard:</b>	Not Flammable and not explosive.
<b>Hazchem Code:</b>	None Allocated.

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### 6. ACCIDENTAL RELEASE MEASURES

**Spills & Leaks:** Do not flush to drain. Prevent entry to waterways. Do not allow to be windblown.

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### 7. HANDLING & STORAGE

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

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

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### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

**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 above head work.

**Exposure Controls:**

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

\*\* 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,

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### 8. Exposure Controls & Person Protection cont'd:

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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### 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance</b>	Green/Bluish Felt
<b>Boiling/Melting Point</b>	None
<b>Vapour Pressure</b>	None
<b>Specific Gravity</b>	1.3 - 1.9
<b>Flash Point</b>	None
<b>Flamm. Limit</b>	None
<b>Solubility in Water (g/L)</b>	< 0.1

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### 10. STABILITY & REACTIVITY

**Stability:** Stable under normal conditions of use.

**Hazardous Reactions  
Decomposition Products** Refer to 'PRECAUTIONS FOR USE' INFORMATION

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### 11. TOXICOLOGICAL INFORMATION

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

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### 12. ECOLOGICAL INFORMATION

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Not available.

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### 13. DISPOSAL CONSIDERATIONS

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**Waste Disposal:** Waste shall be placed in containers, plastic bags or other methods which will prevent fibre 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

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No special transport requirements are necessary.

<b>UN Number</b>	None
<b>DG Class</b>	None
<b>Hazchem Code</b>	None
<b>Poisons Schedule</b>	None
<b>Product Use</b>	Heat Insulation

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### 15. REGULATORY INFORMATION

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**Risk Statement:** Temporary irritation to eyes, respiratory system and skin.

**Safety Statement:** Wear suitable protective clothing, gloves and eye/face protection.

**Hazard Category:** Irritant.

**Poisons Schedule:** Not scheduled.

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**INSULFRAX® FT PAPER  
& DS PAPER**

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### **16. OTHER INFORMATION**

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**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.*

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

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