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## MATERIAL SAFETY DATA SHEET

Classified as Hazardous according to criteria of Worksafe Australia

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### 1. IDENTIFICATION OF MATERIAL & SUPPLIER

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<b>Product Name:</b>	Fibrestick
<b>Ship. Name (CSN):</b>	None Allocated
<b>UN Number:</b>	None Allocated
<b>DG Class</b>	None Allocated
<b>Hazchem Code</b>	None Allocated
<b>Poisons Schedule</b>	None Scheduled
<b>Product Use</b>	High temperature air setting mortar.
<b>Classification:</b>	Wet alumino-silicate mortar.
<b>Manufacturer/Supplier:</b>	Unifrax Aust Pty. Ltd. (Manufactured for Unifrax Australia by other producers of similar products).
<b>Contact Details:</b>	See Page 06.

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### 2. HAZARDS IDENTIFICATION

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<b>Flammability</b>	
<b>Fire Hazards:</b>	Non flammable
<b>Explosive Hazards:</b>	Non explosive
<b>Health Hazards:</b>	<p>This product contains respirable silica. Unless product is dry and ground, hazards are minor.</p> <p>Long term exposure to dust (created during cutting or grinding of brick bonded with Super 3000) containing respirable crystalline silica is known as silicosis, a non cancerous lung disease, resulting in decreased pulmonary function or mild industrial bronchitis in workers, particularly in workers who smoke.</p> <p>Irritating to eyes, skin, respiratory system and disturbances to Gastro intestines.</p>

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### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

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Ingredients:	Name	CAS	TLV	Proportion
	Alumino silicates	66402-68-4	5.0mg/m <sup>3</sup>	80 – 90
	Crystalline Silica	14808-60-7	0.1mg/m <sup>3</sup>	1 – 2
	Silicate glass	1344-09-8		<10

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### 4. FIRST AID MEASURES

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#### FIRST AID

<b>Ingestion:</b>	Seek medical advice for alkali poisoning, if swallowed in large doses.
<b>Eye:</b>	Wash with copious amounts of fresh water. See doctor if irritation persists. An eye wash station should be available.
<b>Skin:</b>	Wash with warm water. See doctor if irritation occurs.
<b>Inhalation:</b>	Remove exposed person/s from source of exposure to fresh air. Get medical attention if breathing difficulties persist.
<b>ADVICE TO DOCTOR:</b>	Treat symptomatically for irritant effects.

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### 5. FIRE FIGHTING MEASURES.

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<b>Fire Explosion Hazard:</b>	Not Flammable and not explosive.
<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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**Spills or Release** Material that is spilled or leaked should be picked up and placed in container for normal disposal.

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### 7. HANDLING & STORAGE

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**Storage Precautions:** Keep Dry. No special storage or handling requirements.

**Handling:** Wear gloves and eye protection while using product.

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### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

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**Exposure Limits:** NH and MRC limits apply.

**Personal Protection:**

	NORMAL USE DEMOLITION	STORAGE	TRANSPORT	SPILLAGE
Respiratory protection	Yes	No	No	Yes
Gloves	Yes	No	No	Yes
Eye protection	Yes	No	No	Yes

**Demolition** Minimize the generation of fine dust, and wear a S.A.A approved respirator to avoid nuisance dusts. Note that the mineralogical composition may change during service, leading to possible new or extra hazards. It should be strongly noted that the hazards contained in the burden contained by the refractory may be many times greater than that of the refractory and therefore special precautions should be taken during demolition and disposal.

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### 9. PHYSICAL & CHEMICAL PROPERTIES

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<b>Appearance</b>	Grey –brown paste
<b>Boiling/Melting Point</b>	>1650 degrees C
<b>Vapour Pressure</b>	Not applicable
<b>Specific Gravity</b>	>2500 kg/m <sup>3</sup>
<b>Flash Point</b>	Not applicable
<b>Flamm. Limit</b>	None
<b>Solubility in Water(g/L)</b>	Nil
<b>pH:</b>	Alkaline
<b>Max. Particle Size</b>	0.5
<b>Odour</b>	Musty

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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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None available.

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### 12. ECOLOGICAL INFORMATION

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<b>Environmental effects</b>	Most ingredients in this product are naturally occurring minerals and will not have a significant environmental effect. Most ingredients in this product are insoluble. However, silicate bonding agent may have some environmental impact.
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### 13. DISPOSAL CONSIDERATIONS

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**Demolition &  
Disposal:**

Minimize the generation of fine dust, and wear a S.A.A approved respirator to avoid nuisance dusts. Note that the mineralogical composition may change during service, leading to possible new or extra hazards. It should be strongly noted that the hazards contained in the burden contained by the refractory may be many times greater than that of the refractory and therefore special precautions should be taken during demolition and disposal.

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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>	None Allocated
<b>Poisons Schedule</b>	Not Scheduled

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### 15. REGULATORY INFORMATION

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**Risk Statement:**

This product contains respirable silica. Unless product is dry and ground, hazards are minor.

Long term exposure to dust (created during cutting or grinding of brick bonded with Super 3000) containing respirable crystalline silica is known as silicosis, a non cancerous lung disease, resulting in decreased pulmonary function or mild industrial bronchitis in workers, particularly in workers who smoke.

Irritating to eyes, respiratory system and skin.

**Safety Statement:**

Seek medical advice for alkali poisoning, if swallowed in large doses.

May cause irritation to eyes, skin and gastro intestines.

Unifrax Australia Pty. Ltd.

336 Settlement Road  
Thomastown, VIC 3074

ACN 093 625 757

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



**FIBERSTICK**

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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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