

**MATERIAL SAFETY DATA SHEET FOR: FIRESOUND**

Replaces: May 2001. Date of issue: April 2005

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name: Firesound  
Other Names: Not applicable  
Recommended Use: Used by the construction industry in tilt-up slab construction as a fire resistant joint sealant. Apply directly from cartridge using a caulking gun and tool off with a trowel.

Company: H. B. Fuller Company  
Address: 16-22 Red Gum Drive, Dandenong South VIC 3175  
Telephone: (03) 9797 6222  
Emergency Telephone No: 1800 033 111

**2. HAZARD IDENTIFICATION**

*Not classified as hazardous according to criteria of Worksafe Australia*

**3. COMPOSITION**

Ingredients:

CHEMICAL ENTITY	CAS NO	PROPORTION
Crystalline silica	14808-60-7	High
Light aromatic petroleum spirit	64742-95-6	Low
Medium aliphatic petroleum spirit	64742-88-7	Low
Sodium borate	1303-96-4	Low
Acrylic latex	Not available	Med
Other ingredients determined not to be hazardous	Not applicable	Low

Low &lt;10%

Med. 10-30%

High 30-60%

V High &gt;60%

**4. FIRST AID MEASURES**

Swallowed:

If swallowed, do NOT induce vomiting. Give one glass of water or milk. Seek medical advice. Never give anything by mouth to an unconscious person.

Eyes:

Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

Skin:

Wash with soap and water. Get medical attention if irritation develops or persists.

Inhaled:

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Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Contact a doctor if symptoms persist.

**First Aid Facilities:**

Have eye wash available when exposure may occur

**Advice to Doctor**

Treat symptomatically

**5. FIRE FIGHTING MEASURES**

Flash point:	Not established
Auto ignition temperature	Not established
Lower explosive limit (% in air):	Not established
Upper explosive limit (% in air):	Not established
Extinguishing media:	Use water spray, foam, dry chemical or carbon dioxide.
Unusual fire and explosion hazards:	None

Special fire fighting instructions: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Hazardous combustion products: Carbon monoxide and other hazardous fumes may be released when the product is burned.

**6. ACCIDENTAL RELEASE MEASURES**

Special protection: Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

Clean-up: Contain - prevent contamination of waterways and drains. If the quantity spilled warrants it, immobilise it first using an absorbent and then transfer to a suitably labelled and sealable containers for disposal. Dispose strictly in accordance with local industrial waste disposal and environmental protection regulation.

**7. HANDLING AND STORAGE**

Handling: Not considered Dangerous Goods as defined by the Australian Code for the Transport of Dangerous Goods by Road and Rail

Storage: Store in a cool dry place. Do not store in direct sunlight or below 5°C.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure standards [NOHSC: 1004 (2004)].

This acrylic polymer in this product may contain residual trace amounts of acetylaldehyde, acrylonitrile, vinyl acetate and formaldehyde



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Chemical	CAS number	TWA ppm	TWA Mg/m3	STEL (ppm)	STEL (mg/m3)
Acetaldehyde	75-07-0	20	36	50	91
Butyl acrylate	141-32-2	10	55	-	-
Acrylonitrile	107-13-1	2	4.3	-	-
Vinyl Acetate	108-05-4	10	35	20	70
Formaldehyde	50-00-0	1	1.2	2	2.5
Titanium dioxide (total dust)	13463-67-7	10	-	-	-
Crystalline silica	14808-60-7	-	0.1	-	-

Engineering Controls:  
Local exhaust ventilation is preferred

Personal Protection:

Eye protection: Wear safety glasses when handling this product.

Skin protection: Avoid skin contact by wearing chemically resistant gloves. Skin absorption may potentially contribute to the overall exposure to this material.

Gloves: Chemically impervious

Respiratory protection: Not normally required

Ventilation: Use local exhaust ventilation or other engineering controls to minimize exposures.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state: Thick coloured paste

Colour: Various

Odor: Sweet

Odor threshold: Not established

Weight per litre: (Kg) 1.55

Specific gravity: 1.55

Solids (% by weight): Not established

pH: Not established

Boiling point (deg. C): Not established

Freezing / melting point (deg. C): Not established

Vapor pressure (mm Hg): Not established

Vapor density: Not established

Evaporation rate: Not established

Octanol / water coefficient: Not established

**10. STABILITY AND REACTIVITY**

Stability: Stable under normal conditions of temperature and humidity

Chemical incompatibility: None established

Hazardous : Will not occur.

Hazardous decomposition product: Carbon monoxide and other harmful gases may be emitted upon burning.

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**11. TOXICOLOGICAL INFORMATION**

Potential health effects by route of exposure

Eye:

Direct contact with eye may result in irritation. Dust may be abrasive and irritating to the eyes due to silica content and may be capable of corneal scarring.

Skin:

Mild irritant.

Inhalation:

Not considered a normal route of exposure. May cause irritation to nose and throat if in a poorly ventilated area.

Ingestion:

Not considered a normal route of exposure. May cause irritation to nose and throat if in a poorly ventilated area.

Long term (chronic) health effects

Reproductive: None established

Target organ(s): Lungs: Respirable crystalline silica has been classified as a Group 2A carcinogen (The agent is probably carcinogenic to humans) by IRAC. Chronic exposure to high levels of crystalline silica may lead to impaired lung function and cause silicosis. When cutting, sanding or drilling the DRY product with power tools, a suitable dust mask (for selection guide see AS 1715) should be worn

Existing health conditions affected by exposure:

None established

**12. ECOLOGICAL INFORMATION**

Overview: No ecological information available

**13. DISPOSAL**

Dispose strictly in accordance with local industrial waste disposal and environmental protection regulation.

**14. TRANSPORT INFORMATION**

Manufacturer's Code: Not applicable

UN Number: None assigned

Dangerous Goods Class: None assigned

Subsidiary Risk: None assigned

Hazchem Code: None assigned

Poisons Schedule: Not scheduled

Packaging Group: None assigned

Storage and Transport: This product is a not Dangerous Good for the purpose of transport.



H.B. Fuller Company

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DOT:

IATA:

**15. REGULATORY INFORMATION**

All components of this material are registered with Nicnas and appear on the AICS.

**16. OTHER INFORMATION**

Contact point: Technical Manager (03) 9797 6222

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This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the workplace. Since H.B. Fuller Company Australia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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