

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

Firesound

Other Names

Not applicable

Recommended Use

Used by the construction industry as a fire resistant joint and penetration sealant. Apply directly from cartridge using a caulking gun and tool off with a trowel.

Company

H. B. Fuller Company Australia Pty. Ltd

Address

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Telephone

(03) 9797 6222

Emergency Telephone No

1800 033 111

2. HAZARD IDENTIFICATION

NOHSC Classification: Non - hazardous substance

ADG Classification: Not a dangerous goods

SUSDP Classification: Not a poison

3. COMPOSITION

Ingredients

CHEMICAL ENTITY	CAS NO	PROPORTION
Acrylic polymer	Not available	30-60%
Quartz	14808-60-7	10-30%
Other ingredients determined not to be hazardous	Not applicable	To 100%

4. FIRST AID MEASURES

Swallowed

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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

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

Suitable Extinguishing Media

Use water spray, foam, dry chemical or carbon dioxide

Hazards from combustion products

Incomplete combustion can yield carbon monoxide and other hazardous fumes may be released when the product is burned

Precautions for fire fighters and special protective equipment

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Exposure to the spilled material may be irritating or harmful. 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.

Methods and materials for containment and clean up

Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Personnel should wear organic vapour mask during clean up. For disposal, consult responsible authority regarding statutory requirements.

7. HANDLING AND STORAGE

Precautions for safe handling

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Store in a cool dry place, out of direct sunlight. Not classified as Dangerous Goods. No special transport precautions are required.

Conditions for safe storage, including any incompatibilities

Keep away from strong oxidising agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure standards [NOHSC: 1008 (2004)].**

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

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	-	-

Biological Limit Values

None assigned

Engineering Controls

If not working in open air use good general ventilation that will ensure that atmospheric exposure standards are not exceeded. In confined spaces, use a local exhaust that will give sufficient face velocity away from the user to ensure that the exposure limits are not exceeded.

Personal Protection

Wear safety overalls, safety glasses and Neoprene, nitrile or natural rubber gloves. Respiratory protection is not required under normal conditions of use. However in the case of a spillage or when working in a poorly ventilated area use a half face respirator with an organic vapour type cartridge. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

A grey, viscous paste.

Odour

Sweet

pH

7.0 – 9.0

Vapour Pressure

Undetermined

Vapour density

Undetermined

Boiling point / range

Undetermined

Freezing / melting point

Undetermined

Solubility

Insoluble in water

Specific gravity

1.55

VOC content (Californian South coast air quality management rule 1168)

31 grams per liter

10. STABILITY AND REACTIVITY

Chemical stability

Stable

Conditions to Avoid

None

Incompatible materials

None established

Hazardous decomposition products

None known

Hazardous reactions

Will not occur

11. TOXICOLOGICAL INFORMATION

Acute effects:

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

Contact with uncured product may result in moderate skin irritation

Inhalation

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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.

Chronic effect

None established

Existing health conditions affected by exposure

None established

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available

Persistence and degradeability

No information available

Mobility

No information available

13. DISPOSAL

Disposal methods

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

Special precautions for landfill or incineration

No special precautions

14. TRANSPORT INFORMATION

Australian Dangerous Goods code

Without restrictions

International Maritime Organisation Rules (IMDG)

Without restrictions.

International Civil Aviation Organisation (ICAO) and International Air Transport Association (IATA) rules

Without restrictions.

15. REGULATORY INFORMATION

AICS Status

All components of this material are registered with NICNAS

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Standard for the uniform scheduling of drugs and poisons (SUSDP) status

Not a poison

16. OTHER INFORMATION

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

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 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.