

SEKISUI FOAM AUSTRALIA

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TECHNICAL INFORMATION

MATERIAL SAFETY DATA SHEET

Fi-Block™

Introduction

This Safety Data Sheet contains the following information and advice.

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1. Identification of:

- 1.1 Product** Fi-Block™
Fi-Block™ ST30
Fi-Block™ ST40
Fi-Block™ DC20
- 1.2 Company** Sekisui Foam Australia
1-5 Parraweena Road
Taren Point NSW 2229
Sydney Australia
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2. Product Description

Fi-Block™ is an epoxy based expandable graphite material used for fire protection in buildings. The laminates are based on non-hazardous materials.

3. Hazards Identification

Health Effect: Not classified as hazardous according to EU Regulation 1272/2008/EC (CLP/GHS) and Australian WHS Regulations.

4. First Aid Measures

After contact with skin: No special measures with usage at normal temperatures. In case the product induces an allergic reaction to the skin, wipe the affected areas with a clean cloth, then rinse the affected areas with running water. Seek medical attention if required.

After contact with eyes: Flush thoroughly with flowing water.

After inhalation: No special measures with usage at normal temperatures.

After swallowing: If ingested, induce vomiting by drinking a large volume of water or salt water. Seek medical attention.

5. Fire Fighting Measures

Fire extinguishing mediums are:

- Dry chemical
- Water spray
- Extinguishing foam
- CO₂ extinguisher

Use respirator/oxygen masks in enclosed areas. Avoid dense smoke and do not inhale the smoke gases from combustion.

Use safety glasses and protect skin/body with protective clothing.

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6. Accidental Release Measures

Not applicable.

7. Handling and Storage

Handling:

Practice reasonable care as a normal safety precaution. The working environment should be kept clean and free of dust.

Storage:

Practice reasonable care and cleanliness; provide adequate distance between stacks as a safety precaution. Store inside with adequate ventilation and keep dry, away from direct sunlight. Keep in original packing until required. Do not expose to any source of flame, ignition or heat.

8. Exposure Controls/Personal Protection

Breathing protection:

No special requirements.

Hand protection:

Safety gloves are recommended.

Eye protection:

No special requirements.

Body protection:

No special requirements.

9. Physical and Chemical Properties

Appearance:

ST-30, ST-40: Black coloured sheet laminated to reinforced aluminium foil.

DC-20: Black coloured discs.

Odour:

Odourless

Melting Point:

N/A

Thermal decomposition:

No data

Explosive properties:

None

Solubility in water:

Insoluble

10. Stability and Reactivity

No particular material incompatibility.

No special conditions to avoid.

11. Toxicological Information

No known toxicological effects.

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12. Ecological Information

No known ecotoxicological effects. Product would be expected to be of low biodegradability.

Ozone layer depleting substances:

Fi-Block™ does not contain and is not produced with any of the substances mentioned in the “Montreal Protocol” of ozone depleting substances and in the corresponding EC Regulation 2009/1005:

- Chlorofluorocarbons (CFCs)
- Hydrochlorofluorocarbons (HCFCs)
- Carbon Tetrachloride
- 1,1,1-Trichloroethane
- Methyl Bromide
- Hydrobromofluorocarbons (HBFCs)

13. Recycling & Disposal Considerations

When disposing of any waste, observe all applicable national and local regulations.

14. Transport information

No restrictions and non-hazardous material in relation to transportation regulations.

15. Regulatory information

No regulations apply in relation to classification, packaging and identification, also applicable to health and environmental care.

16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe the product from the point of view of safety requirements, and is not intended to guarantee any particular properties.



This information on Sekisui Foam International products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

Recommendations as to methods of post fabrication, application and use of Sekisui Foam International products are based on our experience and knowledge of the characteristics of our products and are given in good faith. As producer of the material we have no control over the application of Sekisui Foam International products and no legal responsibility is accepted for such recommendations. In particular, no responsibility is accepted by us for any system in which Sekisui Foam International products are utilised or for any application.

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