

SEKISUI FOAM AUSTRALIA

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TECHNICAL INFORMATION

MATERIAL SAFETY DATA SHEET

Glass Fibre Reinforced Foil Laminate

Introduction

This Safety Data Sheet contains the following information and advice.

Contents

1. Identification of:
 - 1.1 Product
 - 1.2 Company
2. Product Description
3. Hazards Identification
4. First Aid Measures
5. Fire Fighting Measures
6. Accidental Release Measures
7. Handling and Storage
8. Exposure Controls / Personal Protection
9. Physical and Chemical Properties
10. Stability and Reactivity
11. Toxicological Information
12. Ecological Information
13. Recycling & Disposal Considerations
14. Transport Information
15. Regulatory Information
16. Other Information

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1. Identification of:

- 1.1 Product** Thermobreak[®] No-Clad[™] Wrap
Thermobreak[®] LS Wrap
15GC200PEMC foil laminate
15GC100PEG foil laminate
18GS55FR foil laminate
- 1.2 Company** Sekisui Foam Australia
1-5 Parraweena Road
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2. Product Description

The material described by this Safety Data Sheet consists of aluminium foil reinforced with glass fibre scrim or cloth, and backed with a thin layer of polyethylene.

Component information is as follows:

Chemical Name	Proportion	CAS Number
Aluminium Foil	10 – 60%	7429-90-5
Glass Fibre	20 – 70%	N/A
LD Polyethylene Copolymer	10 – 20%	25053-53-6

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.
 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.

In case of fire:

If smoke gases are inhaled, fresh air and possible artificial respiration (seek medical attention immediately) are the recommended measures.

If body skin is burned through contact with molten material, cool burned parts with water but do not remove from the skin. If skin burn degree 2 or 3 is reached, seek medical attention immediately.

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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.

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:

Use safety gloves when handling rolls/cutting product with knife. In addition, wear long sleeved garments to prevent irritation from any exposed or loose glass fibres.

Eye protection:

No special requirements.

Body protection:

Minimise skin exposure from any exposed or loose glass fibres by wearing long sleeved clothing, long leggings and shoes.

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9. Physical and Chemical Properties

Appearance:

Aluminium foil (silver) coloured laminate.

Odour:

Odourless

Melting Point:

Al Foil 660°C, PE 100 – 110°C

Explosive properties:

None

Thermal decomposition:

No data

Auto-flammability:

≥300°C

Solubility in water:

Insoluble

10. Stability and Reactivity

Stable under normal temperature and pressure.

PE film can be forced to burn by continuous application of intense heat.

Avoid:

Any temperature (over period >10min.)

>100°C

Any contact with strong oxidising chemicals

11. Toxicological Information

No known toxicological effects.

12. Ecological Information

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

13. Recycling & Disposal Considerations

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

14. Transport information

When transporting, observe all applicable national and local regulations.

15. Regulatory information

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

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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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