

## MATERIAL SAFETY DATA SHEET

### Thermobreak<sup>®</sup> 25C

#### **Introduction**

This Safety Data Sheet contains the following information and advice.

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**SEKISUI FOAM AUSTRALIA**

1 – 5 Parraweena Road, Taren Point  
NSW 2229 AUSTRALIA

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# TECHNICAL INFORMATION

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## 1. Identification of:

- 1.1 Product** Thermobreak<sup>®</sup> 25C
- 1.2 Company** Sekisui Foam Australia  
1-5 Parraweena Road  
Taren Point NSW 2229  
Sydney Australia
- Ph: (61) 2 9525 9880  
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## 2. Product Description

Thermobreak<sup>®</sup> 25C is a flexible acoustic noise barrier consisting of barium loaded vinyl, foam and foil facing. During manufacture, the barium sulphate, di-octyl phthalate and polyvinyl chloride undergo a chemical change, as such these items become fully encapsulated within the product.

## 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 the unlikely event of skin irritation, wash affected area with mild soap and flowing water.

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:

Burning produces obnoxious and toxic fumes. 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.

## 5. Fire Fighting Measures

Fire extinguishing mediums are:

- Dry chemical
- Water spray
- Extinguishing foam
- CO<sub>2</sub> extinguisher

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

Eye protection:

No special requirements.

Body protection:

No special requirements.

### **9. Physical and Chemical Properties**

Appearance:

Flexible mass loaded composite sheet, faced with aluminium foil.

Odour:

Odourless

Autoflammability:

No data available

Thermal decomposition:

>150°C

Explosive properties:

None

Solubility in water:

Insoluble

### **10. Stability and Reactivity**

Avoid:

Any temperature (over period >10 minutes)

>150°C

Any contact with strong oxidising chemicals

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## 11. Toxicological Information

No information available.

## 12. Ecological Information

Not expected to be an environmental hazard.

Ozone layer depleting substances:

Thermobreak<sup>®</sup> 25C 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

Disposal:

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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