

MATERIAL SAFETY DATA SHEET

Unifoam® Polyolefin Batch Foam

Introduction

This Safety Data Sheet contains the following information and advice.

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SEKISUI FOAM AUSTRALIA

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TECHNICAL INFORMATION

1. Identification of:

1.1 Product Unifoam® Polyolefin Batch Foam

1.2 Company Sekisui Pilon Pty Ltd
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Sydney Australia

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2. Product Description

Unifoam® is a chemically cross linked, polyolefin foam. It is produced in discreet sheets

3. Hazards Identification

Health Effect: - Not classified as hazardous.

4. First Aid Measures

After contact with skin or eyes: - No special measures.

In case of fire: - If smoke gases are inhaled, which contain mainly carbon dioxide (CO₂) and carbon monoxide (CO), and Acetic Acid (Irritant): - Fresh air, coffee and possible artificial respiration (call a doctor immediately) are the recommended measures.

If headache, nausea or vomiting occurs, contact a doctor.

If body skin is burned through contact with molten foam: - Cool burned parts with water, but do not remove the foam from the skin. If skin burn grade 2 or 3 is reached: call a doctor immediately.

5. Fire Fighting Measures

Fire extinguishing mediums are:

- 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: Main products are Carbon dioxide, Carbon monoxide, and acetic acid.

Use safety glasses and protect skin/body with protective clothing against molten Unifoam®.

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6. Accidental Release Measures

Not applicable.

7. Handling and Storage

Handling:

Practice reasonable care as a normal safety precaution. Fabrication areas should be well ventilated to carry away fumes, vapours and dust, especially in processes e.g.: lamination (heat and coating), welding, vacuum forming, hot press moulding; operators should be assured of a supply of fresh air. 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. Do not expose to any source of flame, ignition or heat. Recommended storage is inside due to UV light and heat sensitivity.

8. Exposure controls/Personal Protection

Breathing protection:

In special fabrication areas, that are not well ventilated, use special personal breathing respirator/mask or filter, in order to protect from fumes, vapours and dust.

If wrapped and sealed and exposed to higher temperatures an odour will be present upon opening the package, this will dissipate quickly

9. Physical and Chemical Properties

Appearance:

Semi rigid closed cell, chemically crosslinked polyolefin foam web, available in a wide variety of colours.

Softening range:	≥60oC
Auto flammability:	≥300oC
Explosive properties:	none
Apparent density:	30 - 130kg/m ³
Solubility in water:	insoluble

10. Stability and Reactivity

Avoid:

Any temperature (over period >10min.)	>160 -180Co
Any contact with strong oxidising chemicals	

11. Toxicological Information

Not considered toxic.

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TECHNICAL INFORMATION

12. Ecological Information

Environmentally harmless:

- insoluble in water: no contamination
- insoluble in most solvents
- degradable only by prolonged UV exposure

13. Disposal Considerations

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

14. Transport information

No restrictions and a non dangerous material in relation to transportation regulations.

15. Regulatory information

No information available.

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.

If you require further information, please consult your local distributor or contact us at:

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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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