

MSDS-Backing Rod

1. Identification of:

- 1.1. Product Backing Rod
- 1.2. Company Foam Sealant Pty Ltd
48-52 Micro Circuit
Dandenong South
Victoria, 3175

2. Product Description

Foam Sealant Backing Rod is a non cross linked polyethylene foam produced un a continuous extrusion process. It is based on Food Grade Polyethylene and foamed with an aerosol propellant foam blowing agent.

3. Hazards Identification

Polyethylene foam will burn when provided with an adequate amount of heat and oxygen, therefore do not expose the material to any flame or other source of ignition or heat. Subject to reasonable care and cleanliness there are no obvious problems associated with the handling of polyethylene foams.

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): 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 safety glasses and protect skin/body with protective clothing against molten Backing Rod.

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 dust free.

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

No special requirements.

Hand Protection

No special requirements.

Eye protection

No special requirements.

Body protection

No special requirements.

9. Physical and Chemical Properties

Appearance:

Semi rigid, closed cell, non cross linked polyethylene foam extrusion, available in white or black colour. Other colours to order.

Odour:	Odourless
Softening range:	≥70 - 100°C
Explosive properties:	none
Apparent density:	33kg/m ³
Solubility in water:	insoluble
Organic solvents:	insoluble, partly soluble, swelling; depending on solvent type

10. Stability and Reactivity

Avoid:

Any temperature (over period >10 min) >160 – 180°C
Any contact with strong oxidising chemicals

Dangerous decomposition products:

Combustion gases in case of fire.

11. Toxicological Information

Toxicologically harmless:

Non cross linked polyethylene foams are among the most inert polymer foams and constitute no hazard in terms of normal handling and skin contact.

12. Ecological Information

Environmentally harmless:

- Insoluble in water: no contamination
- Insoluble in most solvents
- Degradable only by UV light

13. Recycling & Disposal Considerations

Re-use:

Remnant material may be reused directly eg:

- Cushion packaging material

Disposal:

When disposing of any waste, observe all applicable national and local regulations. Backing Rod polyethylene foam may be disposed of by:

a) Landfill:

Backing Rod polyethylene foam is inert and does not degrade: It forms a permanent soil base and releases no gases or chemicals known to pollute water resources.

b) Incineration:

Incineration with properly controlled municipal or industrial incineration systems. Plastic materials, such as Backing Rod, have high heat values and should only be incinerated in units designed to handle high combustion heat.

14. Transport information

No restrictions and non dangerous 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.

If you require more information on the subject of the data sheet, please contact:

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