

## Material Safety Data Sheet (MSDS)

### Section 1: Identification of the Material and Supplier

Product Name: Green Insulation™ Reflecta-Range™

Other Names and product codes: Reflecta-Shield™ : RS1154  
 Reflecta-Cell® : RC2156  
 Reflecta-Guard™ : RG3212

Recommended Use: Thermal insulation and sarking membranes

Supplier: Green Insulation™ Pty Ltd

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Website: [www.greeninsulation.com.au](http://www.greeninsulation.com.au)

### Section 2: Hazard Identification

STATEMENT OF HAZARDOUS NATURE: Not classified as Hazardous according to the criteria of the Australian Safety and Compensation Commission ASCC (formerly NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd. Edition. Classified as Non-Dangerous Goods under relevant State and Commonwealth legislation. Risk and safety phrases are not applicable to this product.

### Section 3: Composition/Information on ingredients

	CAS Number	Composition
Aluminum foil	-	<20%
Polyethylene	9002-88-4	<80%

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**Section 4: First aid measures**

Swallowed: Unlikely under normal conditions of use. Swallowing may result in mild irritation of mouth and throat.

Eyes: Flush thoroughly with flowing water. If symptoms such as irritation or redness persist, seek medical attention.

Skin: No skin reaction would be expected from contact with the product.

Inhaled: (applies to fumes or smoke from overheating) Remove to fresh air. If symptoms persist, seek medical attention.

Advice to Doctor: Treat symptomatically.

**Section 5: Fire Fighting Measures**

Fire properties of Green Insulation™ Reflecta Range™ is mentioned in Table 1. Products were tested AS/NZS 1530.2:1993 and 1530.3:1999.

Table 1: Fire properties of Reflecta Range™

Product	Flammability Index (CSIRO)	Ignitability Index (AWTA)	Spread of Flame Index (AWTA)	Smoke Development Index (AWTA)	Heat evolved Index (AWTA)
Reflecta-Shield	4	0	0	0	0-1
Reflecta-Cell	5	0	0	0	0-1
Reflecta-Guard	3	0	0	0	0-1

Specific Hazards: Not flammable – delaminates above 80°C.

Extinguishing Media: Use extinguishing media (e.g. carbon dioxide, water, foam or dry chemical) and equipment as required if fire in surrounding materials.

Fire Fighting Procedures: If product is present in a fire, some smoke and toxic gasses may be evolved. Wear protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.

**Section 6: Accidental release measures**

Not available

**Section 7: Handling and storage**

Storage: Keep in a dry sheltered environment. Keep away from element.

Incompatibilities: Not available

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### Section 8 Exposure controls/personal protection

Exposure Standards:	Not applicable
Personal Protection	Large protective straw or natural fibre hat. Long sleeved cotton lightweight shirt & long cotton pants. Protective footwear. Scaffold barriers or other methods of protection against falls.
Skin Protection	Gloves required when cutting product with knife.
Eye Protection	Glare risk when exposed to aluminium foil in sunlight. Use UV & glare protective sunglasses during installation.
Respiratory Protection	Not applicable

### Section 9 Physical and chemical properties

Appearance	Air bubbles layer sandwich between aluminium foils with protected polymer coating on one side.
Odour	Not applicable
pH, at stated concentration	Not applicable
Boiling Point	Not available
Melting Point	140°C
Flammability limits	Not available
Flash point	Not available
Vapour Density	Not available
Vapour pressure	Not available
Evaporation rate	Not available
Explosive properties	Not available
Solubility in water	Insoluble in water
Specific gravity	Not available

### Section 10: Stability and Reactivity

Chemical stability	Stable
Incompatible materials	None
Conditions to avoid	Store away from elements. Temperature over 100°C
Hazardous decomposition products	Not available
Hazardous polymerisation	Not available

### Section 11: Toxicology information

Toxicology data is not application to the solid material

### **Section 12: Ecological Information**

Ecotoxicity: Not available

Persistence and Degradability: Product would be expected to be of low bio-degradability .

Mobility: Low mobility in landfill situation

### **Section 13: Disposal considerations**

Collect off-cuts and waste material. Dispose into a landfill site in accordance with relevant authority guidelines.

### **Section 14: Transport information**

Transport Requirements: No special transport requirements are necessary.

UN number: None allocated

Class: None allocated

Subsidiary Risk 1: None allocated

Packaging Group: None allocated

Hazchem code: None allocated

DG Class: None allocated

EPG: None

Incompatibilities: None

Proper Shipping Name: None allocated

Marine Pollutant: No

### **Section 15: Regulatory Information**

Poisons schedule: Not available

### **Section 16: Other Information**

Additional Information and reference documents

Insulation Council of Australia and New Zealand: [www.icanz.org.au](http://www.icanz.org.au)

Poisons Information Centre 13 11 26 (Australia wide)

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)], April 2003, National Code of Practice For The Labelling of Workplace Substances [NOHSC:2012 (1994), March 1994, Australian Government Publishing Service, Canberra.

#### **Australian Standards References:**

AS/NZS 1336 Recommended practices for occupational eye protection.

AS/NZS 1715 Selection, use and maintenance of respiratory protective Devices.

AS/NZS 1716 Respiratory protective Devices.

AS/NZS 2161 Occupational protective gloves.

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