

Thor Building Products Pty Ltd

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product: Reflective Foil Insulation

Other Names: Rhino Wrap RP51, Rhino Breather RP51B, Rhino Metal Roof RP51MR, Rhino Roofing RP61, Rhino Roofing (EHD) RP81, Blanket Facing RP51 MR-BF, Blanket Facing RP81 BF

Supplier: Thor Building Products Pty Ltd (ABN: 12 088 560 392)

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Important Notice: This Material Safety Data Sheet (MSDS) is issued by the Supplier in accordance with the Australian Safety and Compensation Commission ASCC (formerly National Occupational Health and Safety Commission NOHSC) guidelines. As such, the information in it must not be altered, deleted or added to. The Supplier will issue a new MSDS when there is a change in product specifications and/or ASCC guidelines/regulations. The Supplier will not accept any responsibility for any changes made to its MSDS by any other person or organization.

SECTION 2 – HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE – NON-DANGEROUS GOOD

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

Note: If heated above 120°C, the adhesive in these products may break down releasing fumes which contain chlorine and hydrogen chloride, which are classified as **Hazardous**.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	Proportion:	CAS Number
Aluminium Foil	<20%	-
Adhesive (Hot Melt)	<60%	-
Laminating Kraft Paper	0 - <20%	-
Woven Polypropylene	<60%	-

SECTION 4 - FIRST AID MEASURES

Swallowed: Unlikely under normal conditions of use. Rinse the lips and mouth with water, give water to drink, and seek medical attention.

Eye: Flush with copious amounts of water. If symptoms persist, seek medical attention.

Skin: Sluice with water and, if irritation persists, seek medical attention.

Inhaled: Remove to fresh air. If symptoms persist, seek medical attention.

Notes to doctor: Treatment should be directed toward the source of irritation with symptomatic treatment as necessary.

SECTION 5 - FIREFIGHTING MEASURES

Specific Hazards: Not flammable. Delamination may occur at temperatures 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, toxic gasses may evolve. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.

Hazardous Decomposition Products: When heated above 120°C, the adhesive may break down releasing chlorine and hydrogen chloride.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Off-cuts: Collect off-cuts and waste material for appropriate disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Rhino Wrap reflective insulation, as supplied and once installed, does not release dust, and does not cause any health effects.

Storage: Store in dry sheltered environment. Ensure packages are adequately labelled, protected from physical damage, and sealed when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: Australian Safety and Compensation Commission ASCC (formerly National Occupational Health & Safety Commission NOHSC) Australia Occupational Exposure Standard:

None applicable for product under normal use.

Engineering Controls, Ventilation: Not applicable

Personal Protection: Gloves required when cutting product with knife

Eye Protection: None required

Skin Protection: None required

Trade Name: Rhino Wrap, Rhino Roofing

Respiratory Protection: None required for product under normal working conditions.

Where product is heated above 120°C, causing smoke or fumes, an efficient cartridge-type or powered respirators or supplied-air helmets may be necessary. Use only respirators that bear the Australian Standards mark and are fitted and maintained correctly, and that have been kept in clean storage when not in use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Aluminium foil covered laminate, other face woven polypropylene.

Odour: None

pH: Not applicable

Boiling Point: Not applicable

Melting Point: adhesive softens at 70°C

Vapour Pressure: Not applicable

Specific Gravity: Not applicable (>1)

Solubility in Water: Insoluble

Evaporation Rate: Not applicable

Vapour Density: Not applicable

Percent Volatiles: None at normal working temperature

Flash Point: Not applicable

Decomposition Temperature: 120°C

Lower/Upper Explosive Limits (LEL/UEL): Not applicable

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable. No reported incompatibilities.

Hazardous Polymerisation: None known

Conditions to Avoid: Heating to over 120°C

Hazardous Decomposition Products: When heated above 120°C, the adhesive may break down releasing chlorine and hydrogen chloride

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxological data is not applicable to the solid material

Health Effects (applicable to fumes due to overheating above 120°C)

Acute Effects: When heated above 120°C, the adhesive may break down releasing chlorine and hydrogen chloride.

Swallowed: Unlikely under normal conditions of use.

Eye: In situations of overheating above 120°C fumes will irritate eyes causing watering and redness.

Skin: In situations of overheating above 120°C fumes may cause mild skin irritation.

Inhaled: In situations of overheating above 120°C highly irritant smoke or fumes may cause excess mucous secretion, coughing and lung damage (see Sections 5 and 10 above).

Chronic: None known.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: No known reports of ecotoxicity.

Persistence and Degradability: Product would be expected to be of low bio-degradability and persistent in the environment.

Mobility: Low mobility in landfill situations.

SECTION 13 - DISPOSAL CONSIDERATIONS

Collect off-cuts and waste material for disposal into a landfill in accordance with relevant authority guidelines

SECTION 14 – TRANSPORTATION INFORMATION

Transportation Requirements: No special transport requirements are necessary.

UN Number: None allocated.

Class: None allocated.

Subsidiary Risk: None allocated.

Packing Group: None allocated.

Hazchem Code: None allocated.

SECTION 15 – REGULATORY INFORMATION

Poisons Schedule: None allocated.

SECTION 16 – OTHER INFORMATION

Additional Information and Reference Documents:

Insulation Council of Australia and New Zealand: 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 Reference:

AS/NZS 1336 Recommended practice 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.

MSDS Revision Summary

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