

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name:	Enviroseal™ Reflective Foil Insulation Thermofoil® Reflective Foil Insulation Thermoplast™ Reflective Foil Insulation
Other Names:	Thermofoil® - Light Duty Facing (729), Light Duty Facing (731), Medium Duty Facing (730), Medium Duty Perforated (730P), Heavy Duty Facing (750), Heavy Duty Perforated (750P), Acoustituff™, Medium Duty Sarking (733), Heavy Duty Sarking (753). Enviroseal™ - Wall Wrap, Wall Breather, Wall Wrap Plus, Residential Wrap, Roof Metal / Wall, Roof Tile, Roof Tile Plus, Roof Tile Safety. Thermoplast™ - Decorative Foil (983), Decorative Foil Perforated (983P), Decorative Facing Foil (980), Decorative Facing Foil Perforated (980P), Decorative Foil (993), Decorative Foil Perforated (993P), Decorative Facing Foil (990), Decorative Facing Foil Perforated (990P)
Recommended use:	Used as reflective insulation and sarking membranes in roofs, walls and floors of domestic, industrial and commercial buildings. Also used as individual membranes, or as facings for Glasswool and Rockwool blankets and batts.
Supplier:	CSR Building Products Limited ABN 55 008 631 356
Address:	Triniti 3, 39 Delhi Road, North Ryde, NSW 2113, Australia
Telephone:	+61 2 9235 8000
Email Address:	bradfordwebeng@csr.com.au
Facsimile:	+61 2 9235 8044
Emergency Phone Number:	000 Fire Brigade and Police (available in Australia only)
Poisons Information Centre:	13 11 26 (available in Australia only)

This Material Safety Data Sheet (MSDS) is issued by CSR Bradford for the information of users, installers and the community. It has been formatted in accordance with the Code on Preparation of a Material Safety Data Sheet 2003 Safe Work Australia (SWA – formerly ASCC / NOHSC).

The information in this MSDS must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its MSDS by any other person or organization. The Supplier will issue a new MSDS when there is a change in product specifications and / or ASCC standards, codes, guidelines or regulations.

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 (formally National Occupational Health and Safety Commission NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd. Edition. Classified as **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	<25%	-
Adhesive (Hot melt)	<65%	-
Laminating kraft paper	<25%	-
Woven polypropylene	<65%	-
Continuous filament fibreglass	<10%	-

SECTION 4: FIRST AID MEASURES

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

Specific Hazards:	Not flammable – delaminates above 80°C.
Suitable Extinguishing Media:	Use extinguishing media (e.g. carbon dioxide, water, foam or dry chemical) and equipment as required by 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.
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 disposal.
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SECTION 7: HANDLING AND STORAGE

Storage:	Keep in a dry sheltered environment
Incompatibilities:	None

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:	Australian Safety and Compensation Commission ASCC (formerly NOHSC) Australian Occupational Exposure Standard. None applicable for product under normal use.
ENGINEERING CONTROLS	
Ventilation:	Not applicable
Personal Protection:	Gloves required when cutting product with knife.
Skin Protection:	None required.
Eye Protection:	None required.
Respiratory Protection:	Where product is heated above 120°C, causing smoke or fumes, an efficient cartridge-type or powered respirators or supplied-air helmets or suits may be necessary. Use only respirators that bear the Australian Standards mark and are fitted and maintained correctly, and kept in clean storage when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aluminium foil covered laminate
Odour:	None
pH, at stated concentration:	Not applicable
Vapour pressure / Density:	Not determined
Boiling Point / range: (°C)	Not determined
Freezing/Melting Point: (°C)	Not applicable
Solubility in water:	Not soluble
Solubility (Other):	Not applicable
Specific Gravity: (H₂O = 1)	Not applicable
Evaporation Rate:	Not applicable
Flammability Limits:	Not applicable
Flash Point:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable
Incompatible Materials:	None
Conditions to avoid	Heating to over 120°C
Hazardous Reactions / Decomposition Products:	When heated above 120°C, the adhesive may break down releasing chlorine and hydrogen chloride.
Hazardous Polymerisation:	None

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological data is not applicable to the solid material.

Health Effects: (applicable to any 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 use.
Eyes:	In situations of overheating above 120°C fumes will irritate the 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).

Health Effects: Chronic (long term): 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. Dispose into a landfill site in accordance with local 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:	None allocated
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SECTION 16: OTHER INFORMATION

For further information on this product, please contact:

Triniti 3, 39 Delhi Road, North Ryde, NSW 2113, Australia

Phone: 1800 819 618 (available in Australia only)

Fax: 1800 647 260

ADDITIONAL INFORMATION

The following references are intended as guides to good industrial practice applicable to building and construction products.

AS/NZS 1336	Recommended practices for occupational eye protection
AS/NZS 1715, 1716	Selection, use and maintenance of Respiratory Protective Devices.
AS/NZS 2161	Occupational protective gloves

AUTHORISATION

Reason for Issue:	Updated with the latest OH&S assessment
Authorised by:	Damien Tyler
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END OF MSDS