

MASONS WHITE-FACED FOIL

# MATERIAL SAFETY DATA SHEET



**MASONS**  
Designed Smart, Built Tough.

V1.0 28 April 2025

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Company	Masons NZ Ltd & Masons Aust (NZ) Ltd
Contact Details	NZ 0800 522 533   info@mpb.co.nz   mpb.co.nz AU 0415 170 114   graham@masonsau.com.au   masonsau.com.au
Emergency	National Poison Centre   NZ 03 474 7000   AU 131 126
Name	Masons White-Faced Foil
Address	Masons NZ Ltd 18a David McCathie Pl, Silverdale, Auckland, New Zealand 0944  Masons Aust (NZ) Ltd Level 1, 8 First Ave, Maroochydore, Queensland, Australia 4558

## SECTION 2: PRODUCT DESCRIPTION

Synthetic non-woven and aluminium foil composite underlay for interior use in commercial or industrial buildings as a vapour barrier with a white light-reflective surface.

## SECTION 3: HAZARDS IDENTIFICATION

Not classified as hazardous according to HSNO criteria.

GHS Label Elements:

Signal Word	None
Pictograms	None
Hazard Statements	None
Precautionary Statements	None

## SECTION 4: FIRST AID MEASURES

Inhalation	Not applicable under normal conditions.
Skin Contact	No adverse effects expected. Wash with soap and water if irritation occurs.
Eye Contact	Not applicable under normal conditions.
Ingestion	Not applicable under normal conditions.
Advice to Doctor	Treat symptomatically.



---

## SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, foam, dry chemical, or CO <sup>2</sup> .
Hazards from Combustion Products	May emit toxic fumes under fire conditions.
Special Protective Equipment	Firefighters should wear self-contained breathing apparatus and protective clothing.

---

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Not applicable.
Environmental Precautions	Not applicable.
Methods for Cleaning Up	Collect and dispose of according to local regulations.

---

## SECTION 7: HANDLING AND STORAGE

Handling Procedures	<ul style="list-style-type: none"><li>• Handle with care to prevent damage.</li><li>• Install tautly to avoid sagging.</li><li>• Use appropriate fixings compatible with aluminium foil.</li><li>• Avoid installation under translucent or clear natural light openings</li></ul>
Storage Procedures	<ul style="list-style-type: none"><li>• Store in a dry area away from direct sunlight.</li><li>• Do not stack other products on top of the rolls</li><li>• Maximum UV exposure of 14 days; same-day cover is strongly recommended.</li></ul>

---

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	No exposure limits established
Engineering Controls	Not required under normal conditions.

Personal Protective Equipment (PPE):

Eye Protection	Safety glasses if cutting or trimming.
Skin Protection	Gloves to prevent mechanical injury.
Respiratory Protection	Not required under normal conditions.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White-faced aluminium foil composite
Odour	Odourless
pH	Not applicable
Melting Point	160°C
Flash Point	Not applicable
Flammability Index	1 (Low)
Reflectivity	Reflective on white-faced side
Emittance (white foil side)	0.4
Water Resistance	Water barrier
Vapour Barrier	Class 1
Self-Supporting	Yes, up to 1200 mm span with recommended support

## SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Prolonged exposure to UV light and high temperatures.
Incompatible Materials	Strong acids, bases, and oxidizing agents.
Hazardous Decomposition Products	May emit toxic fumes when heated to decomposition.

## SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity	Not classified as toxic.
Skin Corrosion/Irritation	Not expected under normal use.
Serious Eye Damage/Irritation	Not expected under normal use.
Respiratory or Skin Sensitisation	Not expected under normal use.
Carcinogenicity	Not classified as carcinogenic.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not expected to be hazardous to the environment.
Persistence and Degradability	Not biodegradable.
Bioaccumulative Potential	Not expected to bioaccumulate.
Mobility in Soil	Not mobile.

## SECTION 13: RECYCLING & DISPOSAL CONSIDERATIONS

Disposal Methods	Dispose of in accordance with local regulations.
Special Precautions	None known.



**SECTION 14: TRANSPORT INFORMATION**

UN Number	Not applicable
Proper Shipping Name	Not applicable
Transport Hazard Class	Not applicable
Packing Group	Not applicable
Environmental Hazards	Not applicable
Special Precautions	None

**SECTION 15: REGULATORY INFORMATION**

HSNO Approval Number	Not applicable
Group Standard	Not applicable
NZ Inventory of Chemicals (NZIoC)	All components listed

**SECTION 16: OTHER INFORMATION**

For installation guidelines, refer to the White-Faced Foil Design and Installation Guide.

Masons White-Faced Foil is not suitable for installation in open buildings or sheds within 500m of the shoreline unless fully lined and enclosed.

LOSP treated framing should be allowed to flash off thoroughly before installation.

Not to be installed under natural light openings.

Maximum UV exposure is 14 days; same-day cover is strongly recommended.

For more information, contact Masons Building Products at 0800 522 533 or [info@mpb.co.nz](mailto:info@mpb.co.nz)

*This MSDS is provided in good faith and is believed to be accurate as of the date of issue. However, no warranty, express or implied, is given. Users are responsible for ensuring suitability for their specific applications and compliance with local regulations.*