

SilverSark™, SilverSark™-Breather

Material Safety Data Sheet (MSDS) Controlled Document

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SilverSark™
SilverSark™- Breather

Recommended Usage: SilverSark™, SilverSark™- Breather
Wrapping roofs and walls of buildings between
framing and external cladding

Supplier: Amalgamated Metal Industries Pty Ltd

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NB: This Material Safety Data Sheet (MSDS) is issued by the supplier in accordance with the code and guidelines from the Australian Safety and Compensation Council (ASCC formerly National Occupation Health and Safety Commission – NOHSC). The information in it must not be altered, deleted or added to.

SECTION 2: HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE –NON-DANGEROUS GOODS STATEMENT OF HAZARDOUS NATURE: Product as supplied is classified as NON-HAZARDOUS according to the criteria of the Australian safety and compensation council ASCC (formerly NOHSC) Approved criteria for classifying Hazardous substances [NOHSC: 1008] 3rd edition.

Reflective foil insulation is classified as **Non dangerous goods** according to the Australian code for the transport of dangerous goods by road and rail. When cut, abraded or combusted, dust or fumes may be created which are classified as **Hazardous**. The following risk and safety phrases apply to decomposition products.

Risk Phases: R36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phases: S36/37 wears suitable protective clothing & gloves.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Proportion
Polypropylene weave and coating	70 - 90%
Aluminum foil	10 - 30%

SECTION 4: FIRST AID MEASURES

The following relate to treatment of any irritant health effects resulting from exposure to any dust or the fumes evolved if product combusts.

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

SECTION 5: FIRE FIGHTING MEASURES

Specific Hazards: SilverSark™ will burn if involved in a large fire.

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, toxic fumes may be evolved. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Fire fighters wear full protective equipment including self Contained Breathing Apparatus (SCBA) according to fire conditions.

Hazardous Decomposition Products: None.

Hazchem Code: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spills: reuse where possible or disposal according to local authority guidelines.

SECTION 7: HANDLING & STORAGE

Handling: SilverSark™ does not release dust, and does not cause any health effects.

Storage: store in sealed container in cool, dry area. Ensure packages are adequately labeled, protected from physical damage, and sealed when not in use.

Incompatibilities: None

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure standard (NES) Australian safety and

compensation council ASCC (formerly NOHSC) the following standards are applied to dust from the product or to fumes from combustion:

Exposure Standards:	Total dust 10 mg/ m ³
Engineering controls, ventilation:	During most applications and installation of this product, no special ventilation will be required.
Personal and Skin Protection:	Standard work clothing including gloves when cutting product.
Eye Protection:	No specific requirements for this product. Eye protection recommended for work where dust or particles may be generated.
Respiratory Protection:	None required for this product in usual working conditions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Sheet in roll form: outer face is aluminum foil, inner coated woven polypropylene.
Odour:	None
PH:	Not applicable
Boiling Point	Not applicable
Melting Point	165° C
Vapour Pressure	Not applicable
Specific Gravity (H ₂ O = 1)	Not applicable (Greater than 1)
Solubility in water	Insoluble in water and common solvents
Evaporation rate	Not applicable
Vapour density	Not applicable
Percent Volatiles	None at normal working temperatures
Flash Point:	Not applicable
Decomposition temperature	>165° C.
Lower/upper Explosive limits (LEL/UEL)	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable. No reported incompatibilities

Hazardous Polymerisation: None

Conditions to avoid: Combustion of product.

Hazardous Decomposition Products: None.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects

Swallowed: Unlikely under normal conditions of use, but may result in mild irritation of the lips, mouth and throat.

Eye: Physical irritant only. Dust or fumes from high temperature decomposition may cause eye discomfort resulting in watering and redness.

Skin: None from handling product as supplied. Dust may be slightly irritant and fumes from high temperature decomposition may be irritant and cause headaches, nausea and irritation of lungs (See section 5 and 8).

Chronic: No effects from chronic exposures to dust are reported.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: reflective foil insulation is inert and is not considered to pose any environmental or ecological risk.

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

May be disposed of as common trade waste in accordance with local authority guidelines.

SECTION 14 TRANSPORT INFORMATION

Transport requirements: Reflective foil insulation is not regulated as a dangerous good. 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:
AS/NZS 2161 occupational protective gloves.

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