

Sisalation® Bubble Cell

Section 1: Identification of the Material and Supplier

Product name	Sisalation® Bubble Cell
Recommended use:	Reflective insulation used in residential and commercial applications to increase the thermal performance of the building.
Supplier:	Fletcher Insulation Pty Ltd
Address:	127 Frankston-Dandenong Road, Dandenong South, VIC 3175
Telephone:	1300 654 444
Emergency contact:	1300 654 444
Website:	www.insulation.com.au
Important notice:	As Sisalation® Bubble Cell manufactured or sold in Australia and New Zealand by Fletcher Insulation is classified as non-hazardous , a Safety Data Sheet (SDS) is not strictly required under Australian Regulations. As such, this Safety Use Information Sheet (SUIS) is issued by Fletcher Insulation for the information of users, installers and the community. It has been formatted in accordance with the Code on Preparation of a Safety Data Sheets for hazardous chemicals, December 2011, Safe Work Australia. The information in this SUIS must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its SUIS by any other person or organization. The Supplier will issue a new SUIS 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 goods

Not classified as hazardous according to the criteria of Safe Work Australia.

Section 3: Composition/Information on Ingredients

Ingredient (common name)	Proportion	CAS Number
Polyethylene	> 95%	9002-88-4
Aluminium foil	< 5%	7429-90-5

Section 4: First Aid Measures

Inhalation:	If any dust inhaled, remove to fresh air. Seek medical attention if symptoms persist.
Ingestion:	Not considered a normal route of entry.
Skin:	Not applicable
Eyes:	Not applicable

Section 5: Fire Fighting Measures

For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.

Suitable extinguishing media:	Carbon dioxide (CO ₂), water and dry chemical.
Hazardous combustion products:	Oxides of carbon and black smoke.
Fire fighting equipment:	Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.
Unusual fire or explosion hazards:	Not applicable
Hazchem Code:	Not allocated

Section 6: Accidental Release Measures

Containment and clean up procedure:	In the event of a major spill, prevent spillage from entering drains or water courses. Collect spilled material manually. The pieces can be recycled or disposed of at approved land fill sites in accordance with local laws.
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Section 7: Handling and Storage

Handling:	Before use read product label. Observe good personal hygiene.
Storage:	

Section 8: Exposure Controls/Personal Protection

Exposure Standards (Safe Work Australia):	No exposure standards set
Engineering controls:	Provide appropriate exhaust ventilation at places where dust is formed.
Personal protection	
Respiratory protection:	None required under normal usage. See Australian Standards AS/NZS 1715 and 1716 for more information.
Eye protection:	Wear safety glasses when cutting material. See Australian Standards AS 1336 and AS/NZS 1337 for more information.
Skin protection:	Protective gloves when cutting material. See Australian Standards AS2161 and 2919 and AS/NZS 2210 for more information.
Hygiene Practices:	Not applicable

Section 9: Physical and Chemical Properties

Appearance:	Polyethylene bubble with aluminium foil covering
Physical properties:	Silver
Odour:	Not applicable
Melting range (°C):	90°C
Boiling range (°C):	Not applicable
Decomposition temperature (°C):	> 250°C
Volatile Component (% vol):	Not applicable
Solubility in Water (g/L):	Insoluble
pH (as supplied):	Not applicable

Section 10: Stability and Reactivity

Chemical stability:	Stable under normal conditions of use.
Incompatible materials:	Strong oxidising agents
Hazardous decomposition products:	Oxides of carbon
Hazard Polymerisation:	Will not occur
Conditions to avoid:	Naked flames, sparks and other sources of ignition

Section 11: Toxicological Information

Toxicity:	Not applicable
Acute health effects:	
Inhalation:	Unlikely under normal conditions of use. Nuisance dusts can be irritating to the upper respiratory tract. May be a choking hazard.
Ingestion:	May be a choking hazard.
Eye:	Particulate matter may cause mechanical irritation of the eye.
Skin:	Particulate matter may cause skin abrasion or irritation.
Chronic health effects:	Not applicable
Existing conditions aggravated by exposure:	Not applicable
Carcinogenicity:	<p>Polyethylene has been classified by the international Agency for research on cancer (IARC) as a group 3 agent.</p> <p>Group 3 - The agent is not classifiable as to its carcinogenicity to humans. Data available is insufficient for assessment to be made.</p>

Section 12: Ecological Information

Ecotoxicity:	No information available
Mobility:	No information available

Section 13: Disposal Consideration

Disposal methods and containers:	Dispose according to applicable local and state government regulations.
Special precautions for landfill or incineration:	Please consult your state Land Waste Management Authority for more information.

Section 14: Transportation Information

Transport requirements:	Not regulated for transport of dangerous goods: ADG7, UN, IATA, IMDG
Hazchem code:	Not applicable

Section 15: Regulatory Information

Poisons Schedule:	None
Poisons Information Centre	13 11 26 (Australia Wide)

Ethene, homopolymer (polyethylene) is listed in the Australian Inventory of Chemical Substances (AICS).

Section 16: Other Information

Additional Information and Reference Documents

Poisons Information Centre 13 11 26 (Australia Wide)

Please read instructions/label before using product.

Code on Preparation of a Safety Data Sheets for hazardous chemicals, December 2011, Safe Work Australia.

Australian Standards References:

AS/NZS 1336	Recommended practices for occupational eye protection
AS/NZS 1715	Selection, use and maintenance of respiratory protective equipment
AS/NZS 1716	Respiratory protective devices
AS/NZS 2161	Occupational protective gloves selection, use and maintenance
AS2919	Industrial clothing
AS/NZS 2210	Occupational protective footwear

Abbreviations used:

IARC:	International Agency for Research on Cancer
NTP:	National Toxicology Program (U.S.)
OSHA:	Occupational Safety and Health Administration (U.S.)
STEL:	Short term exposure limit
TWA:	Time weighted average

Prepared by: 4cRisk.com.au Pty Ltd

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