

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Product name SUPABOARD®
Synonym(s) Magnesium Cement Board, MgO Board, Cement Board, Cement Sheeting,

1.2 Uses Cladding, Siding, Fire Proof Lining, Flooring, Insulation, Perforated Acoustic Barrier Sheeting

1.3 Details of the supplier of the product

Manufacturer/Supplier BuilditEco Pty Ltd
Address Unit 8/49, Prindiville Dr, Wangara, Perth, WA, 6065, AUSTRALIA
Telephone 1300 088 165
Fax 08 9409 4522
Email matt@builditeco.com.au or steve@builditeco.com.au
Website <http://www.builditeco.com.au>

1.4 Emergency telephone number(s)

Emergency 1300 088 165

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLASSIFIED NON-HAZARDOUS AS SUPPLIED ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

CAUTION: A dust hazard exists while this product is being cut or ground

General precautionary statement: Avoid creating or breathing dust - Wet cut or cut using approved dust extraction equipment.

Hazard statement(s) if cutting or grinding

H315 Causes skin irritation.
H320 Causes eye irritation.
H335 May cause respiratory irritation.

Prevention statement(s) if cutting or grinding

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response statement(s)

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P337 + P313 IF eye irritation persists: Get medical advice/ attention.

Storage statement(s)

P402 Store in a dry place

Disposal statement(s)

P501 Dispose of contents/container in accordance with relevant regulations.

2.3 Other hazards

No information provided.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

Ingredient	Content
MAGNESIUM or CALCIUM OXIDES	<80%
SULPHATE or CHLORIDE SALTS	<20%
SILICA	<3%
FIBREGLASS MESH	<10%
OTHER NON-HAZARDOUS MATERIALS	<10%

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye	If dust in eyes, hold eyelids apart and flush continuously with running water. If irritation persists seek medical advice.
Inhalation	If dust inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Skin	If dust on skin or hair, remove contaminated clothing and flush skin and hair with running water. Wash contaminated clothing, avoid creating air borne dust.
Ingestion	For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.
First aid facilities	Eye wash facilities should be available.

4.2 Most important symptoms and effects, both acute and delayed

Irritating to the eyes, skin and respiratory system. Chronic over exposure to dust may result in breathing difficulty

4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Non flammable. Use an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases if strongly heated.

5.3 Advice for firefighters

No fire or explosion hazard exists.

5.4 Hazchem code

None allocated.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Contact emergency services where appropriate.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

Contain spillage, then collect and place in suitable containers for reuse or disposal. Avoid generating dust.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Before use carefully read the product label. If cutting or grinding use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from moisture, incompatible substances and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use.

7.3 Specific end use(s)

No information provided.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Silica Quartz (respirable dust)	SWA (AUS)	--	0.05	--	--

Biological limits

No biological limit values have been entered for this product.

8.2 Exposure controls

Engineering controls if cutting or grinding

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

PPE

Eye / Face

Wear dust-proof goggles.

Hands

Wear PVC rubber or leather gloves.

Body

When using large quantities or where heavy contamination is likely, wear coveralls.

Respiratory

Where an inhalation risk exists, wear a Class P1 (Particulate) respirator. At high dust levels, wear an Air-line respirator or a Full-face Class P3 (Particulate) respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Various colours
Odour	No odour
Flammability	Non flammable
Flash point	N/A
Boiling point	N/A
Melting point	N/A
Evaporation rate	N/A
pH	<10
Vapour density	N/A
Specific gravity	0.8 to 1.3g/cm ³
Solubility (water)	Insoluble
Vapour pressure	N/A
Upper explosion limit	N/A
Lower explosion limit	N/A
Partition coefficient	N/A
Autoignition temperature	N/A
Decomposition temperature	N/A
Viscosity	N/A
Explosive properties	N/A
Oxidising properties	N/A
Odour threshold	N/A

10. STABILITY AND REACTIVITY

10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

10.2 Chemical stability

Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions

Hazardous polymerization is not expected to occur.

10.4 Conditions to avoid

Avoid strong acid or alkalies.

10.5 Incompatible materials

Incompatible with oxidising agents such as acids and alkalies. Water saturation may cause softening and swelling

10.6 Hazardous decomposition products

May evolve toxic gases if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects from dust if cut or ground

Acute toxicity	Based on available data, the classification criteria are not met.
Skin	Irritating to the skin. Contact with dust or wetted form may result in irritation, rash and dermatitis.
Eye	Irritating to the eyes. Contact may result in irritation, lacrimation, pain, redness, corneal burns and possible permanent damage.
Sensitisation	Not classified as causing respiratory sensitisation. However, some individuals may exhibit an allergic response upon exposure to dust.
Mutagenicity	Insufficient data available to classify as a mutagen.
Carcinogenicity	This product contains and trace amounts of crystalline silica which are classified as carcinogenic to humans (IARC Group 1). However, there is sufficient information to conclude that the relative risk of lung cancer from exposure to crystalline silica is increased in persons with silicosis. Therefore preventing the onset of silicosis will also reduce the cancer risk.
Reproductive	Insufficient data available to classify as a reproductive toxin.
STOT - single exposure	Irritating to the respiratory system. Over exposure may result in irritation of the nose and throat, with coughing. High level exposure may result in breathing difficulties.
STOT - repeated exposure	Repeated exposure to respirable silica may result in pulmonary fibrosis (silicosis). Silicosis is a fibronodular lung disease caused by deposition in the lungs of fine respirable particles of crystalline silica. Principal symptoms of silicosis are coughing and breathlessness. In the wet state, the likelihood of an inhalation hazard is reduced.
Aspiration	This product is a solid and aspiration hazards are not expected to occur.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No information provided.

12.2 Persistence and degradability

No information provided.

12.3 Bioaccumulative potential

No information provided.

12.4 Mobility in soil

No information provided.

12.5 Other adverse effects

No information provided.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information (if required).

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
14.1 UN Number	None allocated.	None allocated.	None allocated.
14.2 Proper Shipping Name	None allocated.	None allocated.	None allocated.
14.3 Transport hazard class	None allocated.	None allocated.	None allocated.
14.4 Packing Group	None allocated.	None allocated.	None allocated.

14.5 Environmental hazards

No information provided.

14.6 Special precautions for user

Hazchem code None allocated.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional information

Date of revision of this SDS: November 2019

Australian Standards References

- AS/NZS 1336 Recommended Practices for Occupational Eye Protection
- AS/NZS 1715 Selection, Use and Maintenance of Respiratory Protective Devices
- AS/NZS 1716 Respiratory Protective Devices
- AS 2161 Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)

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