

SAFETY DATA SHEET

Issue Date 13-Aug-2018

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Eco-Easy boards (including FloorSure and WallSure)
**Other Names:
Synonyms** Magnesium Oxysulphate (MOS) Cement Sheeting
Recommended Use: Flooring, cladding and related applications associated with building and construction

Company Details:

Address

Ecobuild Solutions (Operations) Pty Ltd, 3/7 Grosvenor Place, Brookvale, NSW 2100

Emergency telephone number:

Company Phone Number 0419 424 726

24 Hour Emergency Phone Number

2. HAZARDS IDENTIFICATION

Hazardous Substances Classification: Not classified as hazardous to health according to the criteria of the National Occupational Health and Safety Commission, Australia.

Caution: Dust created by cutting and shaping may lead to:

- Eye irritation
- Skin irritation
- Inhalation of dust particles
- Ingestion of dust (unlikely route of exposure)

Refer to section 4 for First Aid Measures

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component name Magnesia, Magnesium Oxide.
Component name Magnesium Sulphate, Magnesium Oxysulphate cement.

Chemical Name	CAS No.	Weight-%	EC No.
Magnesium Sulphate	7487-88-9	<30%	231-298-2
Magnesium Oxide	1309-48-4	<60%	215-171-9
Other non-hazardous filler		<20%	

Ingredient Notes The abovementioned components are blended and mixed with water to start a chemical reaction that forms a castable slurry that is embodied with fibreglass mesh and processed using a pultrusion manufacturing method to create high strength solid Magnesium Cement sheeting product.

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, get medical advice/attention.
Skin Contact	Wash skin with soap and water. Get medical advice if irritation persists.
Inhalation	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.
Ingestion	Unlikely route of exposure. If dust is ingested in sufficient quantity and victim is conscious, give water or milk to drink. Never give anything by mouth to an unconscious person. Leave decision to induce vomiting to qualified medical personnel, since particles may be aspirated into the lungs. Seek immediate medical attention.

If you think you have been affected by this product, contact the Poisons Information Centre Australia 131 126 or New Zealand 0800 764 766 or a doctor.

Advice for the Doctor: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Advice for firefighters:

Non flammable. No fire or explosion hazard exists.

Extinguishing media:

Use an extinguishing agent suitable for the surrounding fire.

Special hazards arising from the substance:

No hazard exists

6. ACCIDENTAL RELEASE MEASURES

Magnesium Cement sheeting in an intact state does not present a fire, health or environmental hazard. The following precautions apply to dust generated during cutting and shaping.

Emergency procedure	Wear protective equipment to prevent skin, eye and respiratory exposure to dust. Take measures to minimise the creation of dust using controls such as filtered dust extraction, or dust suppression with water or other means.
Clean-up Method	Dry sweeping is not recommended. Use fine water spray to suppress dust when sweeping. If possible, use an industrial cleaner with a high-efficiency particulate (HEPA) filter.

7. HANDLING AND STORAGE

Precautions for safe handling:

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

Storage Conditions Store in dry, protected storage. Product must be laid flat on a smooth surface clear of the ground to avoid exposure to water.

Incompatible materials Magnesium cement is soluble in aqueous acids. Do not store with strong acids or other oxidising reagents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE STANDARDS: SAFEWORK AUSTRALIA

Ingredients- Exposure Limits

Component	CAS Number	OSHA-PEL	ACGIH-TLV
Magnesium Oxide	1309-48-4	15 mg/m ³ (Nuisance Particulate) 5mg/m ³ (Nuisance Dust)	10 mg/m ³ (Nuisance Particulate) 10mg/m ³ (Total Nuisance Dust)

Personal Protection:

Respiratory Not normally required when handling, but dust extraction and masks are essential for cutting or shaping.
Eye Safety glasses
Hand Protection Not required under normal conditions of use. Wear appropriate safety gloves for handling and cutting.
Body Protection Normal work clothing - When cutting wear a long-sleeved shirt, long trousers, safety boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Flash Point:	Not known	Solubility in water:	Insoluble
Specific Gravity:	No data available	Melting Point:	Not applicable
Flammability Limits:	Not applicable	Appearance:	Solid cement material

10. STABILITY AND REACTIVITY

Reactivity

No data available

Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal conditions.

Hazardous Decomposition Products

Sulphur dioxide may be released during fire involving this product.

Hazardous polymerisation Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information	Magnesium Cement sheeting does not present an acute toxicity hazard based on known or supplied information.
Inhalation	Inhalation of dust may cause upper respiratory tract irritation. Chronic effects to long term exposure to dust may cause injury to lungs and the respiratory system.
Eye contact	Dust from cutting this product can be irritating to eyes.
Skin Contact	Dust from cutting and fibreglass may cause itching irritation
Ingestion	Ingestion is an unlikely route of exposure.

Information on toxicological effects:

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure to dust:

Serious eye damage/eye irritation	Irritating to eyes.
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Respiration hazard	Irritating to respiratory system.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available on any adverse effects of this material on the environment

Persistence and degradability: No information available.

Bioaccumulation: No information available.

Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of wastes This product does not exhibit any characteristics of a hazardous waste. The product is suitable for landfill disposal. Follow all applicable federal, state and local regulations for safe disposal.

14. TRANSPORT INFORMATION

UN number; UN proper shipping name; Transport hazard class(es); Packing group

Land transport ADG Code (road and rail):

ValuationNot regulated for transport

Transport by sea IMDG-Code:

ValuationNot regulated for transport

Air transport ICAO-TI/IATA-DGR:

ValuationNot regulated for transport

Environmental hazards

Hazardous to the environment: No

15. REGULATORY INFORMATION

Not regulated

16. OTHER INFORMATION

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Disclaimer

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