

Safety Data Sheet



NON-Hazardous, NON-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: saveBOARD

| | |
|---|---------------------------|
| saveBOARD Exposed | saveBOARD Paperfaced |
| saveBOARD betterBRACE Rigid Air Barrier | saveBOARD Ceiling Tiles |
| saveBOARD roofBOARD | saveBOARD Multi-use Panel |
| saveBOARD betterJOINERY | |

Recommended use: Building Materials

| | | |
|------------------------|--|--|
| Supplier: | Upcycled Building Materials Ltd | Upcycled Building Materials Australia Pty Ltd |
| Street Address: | 30 Sunshine Ave Te Repa Hamilton 3200 New Zealand | 11 Production Ave Warragamba NSW 2705 Australia |
| Telephone: | +64 21 581046 | |
| Email: | enquiries@saveboard.nz | |

Emergency Telephone number: +64 21 581046

2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia GHS 7.

Poison Schedule: Unknown

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. COMPOSITION INFORMATION

| COMPONENT | INGREDIENT NAME | CAS NO | PROPORTION | WEIGHT g/kg |
|-----------|-------------------------------|-------------|--------------|------------------|
| | Wood Fibres | No RN | 59.3-85.19% | 59.3-85.19 g/kg |
| | Polyethylene | 9002-88-4 | 12.12-29.83% | 12.12-29.83 g/kg |
| | Cellulose | 9004-34-6 | 2.08-6.49% | 2.08-6.49 g/kg |
| | Aluminum | 7429-90-5 | <5.2% | <5.2 g/kg |
| | Fibre Glass, oxide, chemicals | 65997-17-3 | <3% | <3 g/kg |
| | Polypropylene | 9003-07-0 | <1.5% | <1.5 g/kg |
| | Undisclosed | Undisclosed | 0.27-0.29% | 0.27-0.29g/kg |

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Exposure is considered very unlikely. No special measure required.

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Skin Contact: No special measures required for handling.

Eye contact: Hazard related to dust released by sawing, cutting, sanding, trimming or other finishing operations. If this product comes into contact with eyes wash out immediately with water. If irritation continues, seek medical attention.

Ingestion: If ingested, do not induce vomiting and immediately seek medical advice.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Fire Fighting: Alert Fire Brigade and tell them location and nature of hazard. Use water delivered as a fine spray to control the fire and cool adjacent area.

Fire and Explosion: saveBOARD products are a Material Group 3 product, same as plywood, MDF, particle board unless they have had fire retardants added during manufacture. Not an explosion risk. Combustible and will support combustion.

Advice for Firefighters: Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downward of hazard.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Pick up with suitable equipment including PPE.

LARGE SPILLS

Pick up with suitable equipment including PPE. Bundle up to secure in a safe way.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable

7. HANDLING AND STORAGE

Handling: Always use gloves when handling products. Keep gloves and contaminated clothes and all PPE away from eating. Wash hands after handling materials before eating in eating area.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: Natural ventilation should be adequate under normal use conditions.

Personal Protection Equipment: GLOVES, SAFETY GLASSES.

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Composition: Wood fibres, polyethylene, cellulose, aluminum, glad oxide, polypropylene.

Odour: No Odour

pH: 7.4 (pH7 being neutral)

Boiling Point: N/A

Melting Point: 200°C

Max. Recommended Service Temp: 80°C

Vapour Pressure: N/A

Density: 700-900 kg/m³ depending on product

Flash Point: N/A

Explosive Limits: N/A

Solubility in Water: Not Soluble

Moisture Absorption: Less than 5% by weight

Volatiles: Nil

Corrosiveness: Non-corrosive

saveBOARD products are considered as low-emitting product. saveBOARD building products have been tested for VOC and formaldehyde emissions according to ASTM D5116-2017, 7-day emission data with the following results:

Total Volatile Organic Compound Rate = 0.004 mg/m²/hr (Green Star Interior limit ≤0.500 mg/m²/hr)

Formaldehyde Emission Rate: 0.005 mg/m²/hr (Green Star Interior limit ≤0.100 mg/m²/hr)

The measured VOC and formaldehyde emissions meet the threshold limits set under applicable green building standards and regulations.

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10. STABILITY AND REACTIVITY

saveBOARD building products are chemically stable, Hazardous reactions will not occur under normal conditions of use and storage. Avoid contact with strong acids, strong bases, or oxidizing agents.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Potential Health Effects

Swallowed

- Not normally a hazard due to physical form of product.
- Considered an unlikely route of entry in commercial/industrial environments.
- Ingestion of sawdust may cause nausea, abdominal pain, vomiting or diarrhoea.

Eye

- The dust may produce eye discomfort causing smarting, pain and redness.

Skin

- The dust is discomforting and mildly abrasive to the skin and may cause drying of the skin, which may lead to contact dermatitis.

Inhaled

- Not normally a hazard due to physical form of product.
- Generated dust may be discomforting

Toxicity and Irritation

- The measured VOC and formaldehyde emissions meet the threshold limits set under applicable green building standards and regulations

12. ECOLOGICAL INFORMATION

Microplastics Information:

Avoid contaminating waterways. Microplastics can be generated by any plastic component during wear or breakdown. Most micro plastics in the world are generated by car tyres, synthetic clothes, city dust and road markings. Like any material containing plastic (including saveBOARD), they should be replaced at signs of wear. As with saveBOARD, if they are showing signs of wear they should be removed and returned to saveBOARD for reprocessing into new boards. When cutting saveBOARD products, the saw dust should be collected and disposed responsibly preventing it entering the open environment as dust particles

Environmental Information:

saveBOARD building products are manufactured using 100% recycled composite packaging using a minimum of 95% post-consumer / industrial recycled content (i.e. used beverage cartons, soft plastics and mixed fibre). saveBOARD products are also Decalre certified to be Red-List Free and can be used in Living Building Challenge projects.

13. DISPOSAL CONSIDERATIONS

saveBOARD building products are 100% recyclable (by saveBOARD) at the end of life. Any recovered products (off cuts or end of life) will be shredded and remanufactured into new saveBOARD products providing a circular economy solution for our products.

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14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. ELECTRICAL SAFETY

saveBOARD is considered a non-conductive material, however under certain circumstances it is possible to conduct electricity. Presence of moisture, electrical leakage, screw or brad nail fixings penetrating electrical cable etc...

We **highly recommend** all Power outlets that pass through saveBOARD are **Double Insulated Mounting Blocks**. This prevents the unlikely situation where electrical leakage from a power outlet conducting through saveBOARD.

16. REGULATORY INFORMATION

No regulations apply in relation to classification, packaging and identification, also applicable to health and environmental care.

17. OTHER INFORMATION

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.