

Safety Data Sheet – OCEANSCAPE Pty Ltd
Hybrideck
wood / plastic composite (WPC) decking

1. Identification

Product Name: Hybrideck

Proper Shipping Name: Not applicable

Recommended Use: Exterior decking applications

Description: Hybrideck is manufactured by extrusion of recycled polyethylene (HDPE) and wood fibre

Supplier:

Australian Details

Name: Oceanscape Pty Ltd

Address

PO Box 8060

Rippleside, Victoria, 3215

Ph: 1300 0 QUOTE (1300 0 78683)

For general & technical advice

Email: info@hybrideck.com.au

Website: www.hybrideck.com.au

Emergency Contacts:

Emergency Services

Fire, Ambulance, Police – Dial 000

Poisons Centre: 131 126

2. Hazard Identification

Statement of Hazardous Nature:

Australia :

Non-Hazardous substance. Non-Dangerous Goods

Poisons Schedule : Not applicable

Hazard Statements / R-phrases: Not applicable

Precautionary Statements / S-phrases: Not applicable

3. Composition & Information on Ingredients

| <u>Ingredient</u> | <u>CAS Number</u> | <u>% w/w</u> |
|------------------------------|-------------------|--------------|
| Wood fibre | unavailable | 60% |
| Recycled polyethylene (HDPE) | 9002-88-4 | 30% |
| Anti-fungal additive | unavailable | 2% |

4. First Aid Measures

Australia Poisons Information Centre Phone 131 126

For exposure to dust resulting from cutting the decking : The particles produced by sawing and sanding this product are larger and heavier than those produced from timber, and are therefore less likely to be inhaled.

Inhalation: IF INHALED remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms call a POISON CENTRE or doctor/physician.

Skin: Wash with mild soap and running water.

Eyes: Immediately flush with flowing water, hold eyelids apart and irrigate for at least 15 minutes. If symptoms persist immediately call a POISON CENTRE or doctor/physician

Ingestion: Not an expected route of exposure. Call a POISON CENTRE or doctor/physician for advice.

5. Fire Fighting Measures

Flammability: These decking products are combustible. Dry dusts suspended in high concentrations can be explosive.

Extinguishing media: Use water fog (or fine water spray), foam, carbon dioxide or dry chemical powder.

Combustion products: Burning or smouldering decking or dust can generate carbon dioxide and other pyrolysis products typical of burning organic material.

Flash point: Not applicable

Flammability limits: Not applicable

Auto-ignition temperature: Not available

6. Accidental Release Measures

Dust should be cleaned up by vacuuming or wet sweeping. Wear protective equipment (see section 8). Collect and seal in labelled containers for disposal.

7. Handling & Storage

Safe Handling

Avoid sources of radiant heat and flame and avoid sparks and sources of ignition in all electrical equipment, including dust extraction equipment. All work with this product should be carried out in such a way as to minimise the generation of dust. Work areas should be cleaned at least daily and dust removed by vacuum cleaning or wet sweeping method.

Wash hands after working with decking.

Storage

Store flat, off the ground, in a cool dry location out of direct sunlight.

8. Exposure Controls & Personal Protection

Exposure Standards

The particles produced by sawing and sanding this product are larger and heavier than those produced from timber, and are therefore less likely to be inhaled.

Australia National Exposure Standards:

Soft wood dust WES-TWA 5mg/m³

WES-STEL 10mg/m³

Tolerable Exposure Limit (TEL): Not set

8. Exposure Controls & Personal Protection cont.

Biological Exposure Value: None allocated

Engineering Controls

Ventilation: Under factory conditions sawing, drilling sanding etc should be done with equipment fitted with exhaust devices capable of removing dust at source. Hand power tools should only be used in well ventilated areas so as to avoid the spread of dust.

PPE

Skin protection: Long sleeve shirts and trousers are recommended if skin irritation occurs. Comfortable work gloves should be worn (AS/NZS 2161)

Respiratory protection: If risk of inhalation exists (e.g. when sawing, drilling or sanding etc.), a class P1 or P2 filter or disposable face piece respirator should be worn.

Respirators should comply with AS/NZS 1716 and be selected, used and maintained in accordance with AS/NZS1715.

Eye protection: Safety glasses or non-fogging goggles (AS/NZS 1337) should be worn when sawing, drilling or sanding etc.

9. Physical & Chemical Properties

Appearance: Decking boards in a variety of colours.

Odour: Nil.

pH: Not applicable

Vapour pressure: Not applicable

Vapour density: Not applicable

Boiling point: Not applicable

Melting range: 120°C – 130°C

Solubility (water): Not soluble

Specific gravity: (water=1) approx 0.9

Flash point: Not applicable

Flammability Limits: Not available

Auto Ignition Temperature: Not available

Evaporation rate: Not applicable

10. Stability & Reactivity

Stability: Stable under ambient temperature and pressure.

Conditions to avoid: Heat & ignition sources.

Incompatibility / Materials to avoid: Not available.

Hazardous decomposition products: Smouldering decking or dust can generate carbon monoxide, carbon dioxide and other pyrolysis products typical of burning organic material.

Hazardous polymerisation: Does not occur

11. Toxicological Information

When decking is cut, drilled or sanded etc, some dust will be generated. The particles produced by sawing and sanding this product are larger and heavier than those produced from timber, and are therefore less likely to be inhaled.

Health Effects / Symptoms of Exposure to dust from the decking

Inhalation: Dust may irritate the nose, throat and lungs. Mucous membranes / respiratory system

11. Toxicological Information cont.

Skin: Dust may irritate the skin.

Eyes: Dust may cause mechanical irritation to the eye.

Ingestion: Not an expected route of exposure. Swallowing the dust would result in abdominal discomfort

Chronic : No information available.

Toxicological Data

Not available

12. Ecological Information

No known ecological effects. Avoid contaminating waterways with dust.

Environmental Exposure Limit (EEL): None set **Persistence in environment:** Not available

Biodegradability: Not available **Mobility:** Not available

13. Disposal Considerations

Off-cuts and general waste material should be placed in containers and disposed of at an approved landfill site, or burnt in an approved furnace or incinerator, in accordance with local authority guidelines.

14. Transport Information

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail

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

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

No special transport requirements are considered necessary. Refer Technical Information for transport requirements to ensure quality of the product.

15. Regulatory Information

Not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Product is deemed a manufactured article for the purposes of the HSNO Act. (NZ)

Poisons Schedule (Aust): Not applicable

16. Other Information

Abbreviations / Terminology:

% w/w percentage – weight for weight

AS Australian Standard

AS/NZS 1337 Personal eye-protection

AS/NZS 2161 Occupational protective gloves

AS/NZS 4501 Occupational protective clothing

AS/NZS Joint Australian New Zealand Standard

CAS# Chemical Abstract Service number (a unique identifier for chemicals)

EEL Environmental Exposure Limit

16. Other Information cont.

TEL Tolerable Exposure Limit

UEL Upper explosive limit

WES-STEL Workplace Exposure Standard – Short Term Exposure Limit

WES-TWA Workplace Exposure Standard – Time Weighted Average

Current Version: Dated 2 June 2010

Revision Information:

SDS may be revised from time to time, please ensure you have a current copy.

Previous Version: Not applicable

This SDS has been prepared with reference to the National Code of Practice for the Preparation of Material Safety Data Sheets (NOHSC 2011, April 2003) and the HSNO Approved Code of Practice for the Preparation of Safety Data Sheets (HSNO CoP 8-1, NZCIC, September 2006)

Disclaimer:

This SDS has been produced by Chemsafety Ltd. While the information contained herein is based on data believed to be accurate, no warranty or representation is expressed or implied for which Oceanscape Pty Ltd or Chemsafety Ltd assumes a legal responsibility.

The provision of this information should not be considered as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond the company's control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action as a result of this information.