

MATERIAL SAFETY DATA SHEET

Product: CleverDeck® & EnviroSlat® Composite Decking/Fencing/Cladding

1. Identification of Substance/Preparation and Company
Product name: WPC Decking/Fencing/Cladding
Product type: Recycled Polyolefin & rice husks/hulls & wood flour.
Supplier: Futurewood Pty. Ltd.
Address: 61 High Street Eaglehawk Vic 3556

2. Composition/ingredients		
Component	%	
Wood Flour/Rice Husks/Polyolefin	90	
Additives	Lubricant	3
	Pigment	3.75
	Reinforcing Filler	2.5
	Antioxidants	0.2
	UV absorbers	0.15
	Fungicides	0.4

3. Hazards Identification:		
Restriction of Hazardous Substances Directive(RoHS),2002/95/EC		
Compounds	Tested Item(mg/kg)	RoHS' Limits(mg/kg)
	1	
Lead(Pb)	30.10	1000
Mercury(Hg)	ND	1000
Cadmium(Cd)	ND	100
Chromium VI(Cr VI)	ND	1000
Polybrominated Biphenyls(PBBs)	ND	/
Bromobiphenyls	ND	
Dibromobiphenyls	ND	
Tribromobiphenyls	ND	
Tetrabromobiphenyls	ND	
Pentabromobiphenyls	ND	
Hexabromobiphenyls	ND	
Heptabromobiphenyls	ND	
Octabromobiphenyls	ND	
Nonabromobiphenyls	ND	
Decabromobiphenyl	ND	
Sum of PBBBs	ND	

4. Fire Fighting Measures:

Flammable Properties:

Flash point: Not applicable

Combustible: Material may burn on contact with oxidizers or ignition sources

Flammable Limits:

Lower flammable limits: Not applicable

Upper flammable limits: Not applicable

Auto ignition temperature: Typically 400°F - 500°F

Explosion Hazard:

Airborne concentrations of combustible dust, when combined with an ignition source, can cause an explosion hazard if the dust concentration exceeds 30-60 g/m³

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes, cyanides and other hazardous gases, vapours and particles

Extinguishing Media:

Water, dry chemical and other agents rated for a wood fire (type A fire). Use an extinguisher rated for a Type A fire.

Fire Fighting Instructions:

Evacuate the area and notify the fire department. If possible isolate the fire by moving other combustible materials. If the fire is small, use a hose-line or extinguisher rated for a Type A fire. If possible dike and collect water used to fight fires. Fire fighters should wear normal protective equipment (full bunker gear) and positive pressure self contained breathing apparatus.

5. Accidental Release Measures:

Not Applicable

6. Handling and Storage:**Handling:**

Provide ventilation or other measures so that dust levels are below the exposure limits listed in Section 2.

Storage:

Keep dust away from ignition sources and store in a closed container. Consult NFPA 68 & 70 for additional information

7. Exposure Controls/Personal Protection:**Engineering Controls:**

Keep the airborne dust concentrations below the exposure limits. Maintain adequate ventilation in the work area.

Respiratory Protection:

When respiratory protection is required, or dust concentrations are unknown, use a NIOSH/M SHA approved air-purifying respirator.

Skin Protection:

Wear work gloves to prevent skin irritation

Eye Protection:

Wear ANSI approved eye protection

8. Physical & Chemical Properties:

Boiling Point:	N/A
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Melting Point:	N/A
Vapour Pressure:	N/A
Vapour Density:	N/A
Solubility In Water:	N/A
Density:	1.2-1.3g/cm ³
PH:	N/A
Odour:	None
Appearance:	Solid, various colours

9. Stability & Reactivity

Chemical Stability: (Conditions to Avoid) Stable

Incompatibility:

Keep away from high temperatures and strong oxidizers, such as concentrated nitric acid, oxygen, hydrogen peroxide and chlorine

Hazardous Decomposition Products:

Carbon monoxide, hydrogen cyanide and other products of wood combustion

Hazardous Polymerisation:

Will not occur

10. Toxicological Information for Wood Dust & Titanium Oxide

Wood Dust (Softwood) and Titanium Oxide have been classified NIOSH-Ca or potential occupational carcinogen, with no further classification

Teratology (Birth Defect) Information:

No hazards reported

Reproduction Information:

No hazards reported

Sensitiser:

No hazards reported

11. Ecological Information

These wood products are not expected to pose an ecological hazard as a result of their intended uses.

12. Disposal Considerations

Dispose of waste according to local, state/provincial and federal requirements

13. Transportation Information

Shipping Name	N/A	Packing Group	N/A
Hazard Class	N/A	Placards/Labels	N/A
Identification No.	N/A	Special Provisions	N/A

14. Other Information

This MSDS is intended solely for safety education and not for use as part of a specification or warranty. The information in the MSDS was obtained from usually reliable sources and is provided without any representation for warranties regarding the accuracy or correctness. Since the handling, use and storage is beyond our control, Futurewood Pty. Ltd. assumes no responsibility and disclaims liability for any loss, damage or expense arising there from.