

# MATERIAL SAFETY DATA SHEET

**Product: CleverDeck® & EnviroSlat® Original Composite Decking/Cladding**

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

<b>2. Composition/ingredients:</b>		
<b>Component</b>		<b>%</b>
<b>Wood Flour/Rice Husk/Polyolefin/Talc</b>		<b>91.3</b>
<b>Additives</b>	<b>Lubricant</b>	<b>1.6</b>
	<b>Pigment</b>	<b>3</b>
	<b>Reinforcing Filler</b>	<b>3</b>
	<b>Antioxidants</b>	<b>0.4</b>
	<b>UV absorbers</b>	<b>0.3</b>
	<b>Fungicides</b>	<b>0.4</b>

<b>3. Hazards Identification:</b>		
<b>Restriction of Hazardous Substances Directive (RoHS),2002/95/EC</b>		
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/m<sup>3</sup>

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
Melting Point:	N/A
Vapour Pressure:	N/A
Vapour Density:	N/A
Solubility in Water:	N/A
Density:	1.3-1.4g/cm <sup>3</sup>
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**

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