

Ekodeck® Decking / Flame Fighter

MATERIAL SAFETY DATA SHEET

04-Apr-24

Section 1 - Product and Company Identification

Product Name	Ekodeck Flame Fighter Decking
Supplier	Ekologix Australia Pty Ltd
Address	Unit 1, 20-26 Sabre Drive, Port Melbourne VIC, Australia 3207
E-mail	info@ekodeck.com.au
Contact	+61 3 9639 7774

Section 2 - Composition and Information on Ingredients

INGREDIENT NAME	CONTENT (%)
Reclaimed Timber	50
Recycled High Density Polyethylene (HDPE)	30
Virgin HDPE	10
Additives (UV stabilisers, bonding agents, pigments & flame retardant)	10

Section 3 - Hazards Identification

Emergency Overview	This product may be cut or used in applications that produce wood fibers. Certain wood fibers are considered hazardous if the airborne concentration exceeds the OSHA or ACGIH exposure limits.
Potential Health Effects	Dust can irritate nose, throat, and respiratory tract, and cause eye irritations. Repeated exposure may cause skin irritation. Wood dust is considered a carcinogen.

Section 4 - First Aid Measures

Ingestion	This material is not expected to be a problem when ingested. If large amounts are ingested, give water to drink and get medical advice.
Eye	Flush dust from eyes with water for at least 15 minutes. If irritation occurs, obtain medical attention.
Skin	Wash with soap and water.
Inhaled	Remove person to fresh air.

Section 5 - Fire Fighting Measures

Flash point	N/A
Autoignition Temperature	Estimated >400 °F
Upper Flammable Limit	N/A
Lower Flammable Limit	N/A
Extinguishing Media	Water or appropriate fire extinguisher.
Explosion Hazard	High dust levels may create potential for explosion, Keep dust away from ignition sources.

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Section 5 - Fire Fighting Measures (continued)

Hazardous Combustion Products	Carbon monoxide, carbon dioxide, formic acid, acetic acid, trace amounts of formaldehyde, aldehyde, and other organic vapors.
NFPA Rating	Health - 0 Flammability - 1 Reactivity - 0

Section 6 - Accidental Release Measures

Material should be swept up and discarded in accordance with applicable regulations.

Section 7 - Handling and Storage

Handling	WPC is heavier than normal wood products. Lift carefully to avoid injury. Avoid dust-generating means of clean up.
Storage	Store on a flat surface. Store away from ignition sources or combustible materials.

Section 8 - Exposure Controls, Personal Protection

Ventilation	Use in well ventilated area, especially when dust particles may accumulate.
Respiratory	If dust is being generated, use an N-95 NIOSH approved nuisance dust mask respirator for protection in conditions up to ten times the PEL (Permissible Exposure Limit). For exposures over 10 times the PEL, additional protection may be needed. If oil particles are present, use an R or P value NIOSH approved respirator.
Skin Protection	If irritation occurs, wear long sleeves and gloves for protection.
Eye Protection	Wear safety glasses with side shields or any other ANSI approved eye protection when performing operations that may generate dust or potential for flying debris.

Section 9 - Physical and Chemical Properties

Appearance	Solid; various colours
Odour	Slight wood odour
Density	Less than or equal to 1.5g/mm ³
Vapor Density	N/A
Boiling Point	N/A
Solubility in Waters	Insoluble
Vapor Pressure	N/A
pH	N/A

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Section 10 - Stability and Reactivity

Chemical Stability	Stable
Incompatibility (Materials to Avoid)	Hazardous polymerisation will not occur.
Conditions to Avoid	Heat and flame.
Hazardous Decomposition Products	Carbon monoxide, formaldehyde, formic acid, acetic acid, and other products of wood combustion.

Section 11 - Toxicological Information

IARC has classified wood dust as a potential carcinogen.

Exposure is expected to be minimal with this material due to the fact that the wood fiber is incorporated in a polymer matrix.

Section 12 - Ecological Information

This product has not been tested for environmental effects, but it is not expected to pose an ecological hazard if used as intended.

Section 13 - Disposal Considerations

Dispose of waste in normal refuse containers according to local, state, and federal requirements.

Section 14 - Transport Information

Material not regulated by relevant authority.

Shipping Name	N/A
Packing Group	N/A
Hazard Class	N/A
Labels	N/A

Section 15 - Regulatory Information

REACH	This product meet requirement of EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use.
RoHS	This product is below the maximum permissible limit quoted from RoHS Directive (EU) 2015/863.
CERCLA	N/A

Section 16 - Other Information

The information and recommendations provided in this MSDS are, to the best of WPC Products' knowledge both accurate and reliable as of the date prepared. WPC Products do not warrant or guarantee their accuracy or reliability, and do accept any liability for any loss, damage, or expense in connection with this information or its use.