



# **MATERIAL SAFETY DATA SHEET**

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## MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name : Wood/Plastic Composite Decking Material

Recommended use : For various purpose decking or screening  
(as recommended by EVODEK®).

Supplier : EVODEK®

## HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous.

## COMPOSITION INFORMATION

Non any hazardous ingredients

- 1). Natural pure wood fiber
- 2). High-quality PP&PE plastic resin
- 3). Light stabilizer
- 4). Anti-UV additive
- 5). Anti-Aging additive
- 6). Coupling Agents
- 7). Light stabilizer
- 8). Color pigment

## FIRST AID MEASURES

Eye contact : If dusts enters eyes, wash out immediately with water.  
In all cases of eye contamination, it is a sensible precaution to seek medical advice.

Skin contact : If skin or hair contacts, wash with soap and water. If swelling, redness, irritation occurs seek medical assistance.

Ingestion : May cause choking if swallowed, if uncomfortable, seek medical assistance.

Inhalation : Remove victim to fresh air place.

Note of physician : Treat symptomatically.

**FIRE FIGHTING MEASURES**

Features : Non-Easy Combustible

Fire fighting advice : On burning may emit toxic fumes, including those of oxides of carbon.

Fire fighting advice : On burning may emit toxic fumes, including those of oxides of carbon. Firefighters wear self-contained breathing apparatus and suitable protective clothing if the risk of exposure to vapour or products combustion.

Hazchem code : Not applicable.

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

**ACCIDENTAL RELEASE MEASURES**

Spillas : Wear protective equipment to prevent skin and eye contamination and the inhalation of dust generated when machining. Collect and seal in properly labelled containers and drums for disposal.

**HANDLING AND STORAGE**

Handling : Avoid eye contact and inhalation of dust when machining.

Storage : Store in a cool, flat, dry place and out of direct sunlight. Store away described in Section 10.

**EXPOSURE CONTROLS  
PERSONAL PROTECTION**

National occupational exposure limits : No value assigned for this specific material by the National Test Center of Polymer & Building Material incompatible materials (CNAS CHINA)

Biological limit values : As per (CNAS L1049) the ingredients of this material don't have a Biological Limit Allocated

Engineering measures : Avoid inhaling dusts generated when machining.

Personal protection equipment : OVERALLS; SAFETY SHOES. Wear standard safety equipment-overalls and safety shoes. If the risk of dust inhalation exists, a particular respirator is needed.

**PHYSICAL & CHEMICAL PROPERTIES**

Property	Test method	Typical value
Density	1.33g/cm <sup>3</sup>	ASTM D792-00
Moisture Content	0.2%	ASTM D7031-11 Section 5.15 ASTM D4442-16 Method B
Screw withdrawal test	3353N	ASTM D7032-17 Section 5.5 ASTM D1761-12
Impact Resistance	>133J	ASTM D4495-16
Specific Gravity	1.31	ASTM D7031-11 Section 5.14 ASTM D792-13 Method A
Shore Hardness	D/70/1	ASTM D2240-15
Mouldproof level	0	ASTM G 21-15
Formaldehyde Emission	0.02ppm	ASTM D6007-14
Soluble heavy metal	ND	ASTM F963-16(Clause 8.3)
Slip Resistance (Groove surface)	PTV(Dry)87 PTV(Wet)44	BS7976-2
Flame Spread Index	FSI: 40	ASTM E84-17
Shear Strength	14.0MPa	ASTM D732-17
Modulus of Elasticity	3778Mpa	ASTM F963-16(Clause 8.3)
Tensile Strength	9.91MPa	ASTM D638-14
Water Absorption(24h)	0.37%	Refer to GB/T 17657-0213 Section 4.6
Nail withdrawal test	408 N	ASTM D7032-17 Section 5.5 ASTM D1761-12
Compression Parallel to Grain	28.3 MPa	ASTM D198-17 Section 13~Section 20
Compression Perpendicular to Grain	21.6 MPa	Refer to ASTM D198-17 Section 13~Section 20
Deflection Temperature under Load	65.4 °C	ASTM D648-16 Method B

**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 over exposure occurs

Inhalation: Inhalation of dust generated when machining maybe irritant to mucous membranes and respiratory tract.

Skin contact: Contact of dust generated when machining may result irritation.

Eye contact: Maybe an eye irritant, Exposure to the dust may cause discomfort due to particular nature.

Ingestion: No adverse effects expected however large amounts may cause nausea and vomiting.

Long term effects: No information available.

**STABILITY AND REACTIVITY** Chemical stability: The product is stable under ambient temperatures and atmospheric pressure.

Conditions to avoid: Extreme heat.

Incompatible materials: No information available.

Hazardous decomposition product: Carbon monoxide and carbon dioxide.

Hazardous reactions: No information available.

**ECOLOGICAL INFORMATION** Ecotoxicity: No information available.

Persistence and degradability: No information available.

Mobility: No information available.

**DISPOSAL CONSIDERATIONS** Refer to State/Territory Land Waste Management Authority.

**TRANSPORT INFORMATION** Road and rail transport: Not classified as Dangerous Goods by the criteria of China Dangerous Goods Code (CDG CODE) for transport by Road and Rail.

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

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

**REGULATORY INFORMATION** Poisons Schedule (Aust): Not applicable.

**OTHER INFORMATION** This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since EVODEK® can not anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.



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