

MATERIAL SAFETY DATA SHEET

Technical Review date: 5th August 2016

Non-Hazardous substance, Non-Dangerous goods

Wood-polymer composite material substance

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION:

- a. Product Name: Wood Polymer composite extrusion planks for exterior applications
- b. Synonyms: Synonyms: Composite decking, wpc decking
- c. Recommended use: For Decking/ Cladding/ decking tiles/ railing/ siding/Louvers & Pergolas etc.
- d. Supplier: Euro Woods & Timbers Pvt Ltd
- e. Address: #146, Sydenhams Road, Periamet, Chennai-600 003, TN, India.
- f. Telephone: +91-44-45126010; +91-44-42041277

2. HAZARDS IDENTIFICATION: Based on available information, this material is not classified as hazardous according to criteria of 'List of dangerous goods', Published by IRCA Red Tariff and IMDG Code, India. Poisons Schedule (India): Not applicable.

3. COMPOSITION INFORMATION: 60% wood fibres (50% poplar+50% other mixed wood fibres); 30% HDPE (High-density Polyethylene) & 10% chemical additives and bonding agent (Calcium Powder, Colour Consistency, UV stability agent – TiO₂, Coupling agents, Lubricants, Anti-oxidants etc). Non-hazardous ingredients - 100%

4. PRODUCTION PROCESS: Pelleting > Extrusion (with 150 °c temperature) > Moulding > Cooling > Forming > Sanding > Cutting > Packaging and shipment.

5. FIRST AID MEASURES: If poisoning occurs, contact a doctor or Poisons Information Centre.

- a. Inhalation: Remove victim to fresh air.
- b. Skin contact: If skin or hair contact occurs, wash with soap and water. If swelling, redness, blistering or irritation occurs seek medical assistance.
- c. Eye contact: If dust enters eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.
- d. Ingestion: May cause choking if swallowed. If uncomfortable, seek medical assistance.
Notes to physician: Treat symptomatically.

6. FIRE-FIGHTING MEASURES:

- a. Specific hazards: Combustible solid.
- b. Fire fighting further advice: On burning may emit toxic fumes, including those of oxides of carbon. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
- c. Hazchem Code: Not applicable. Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

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

8. HANDLING AND STORAGE:

- a. Handling: Avoid eye contact and inhalation of dust when machining.
- b. Storage: Store in a cool, flat, dry place and out of direct sunlight. Store away from incompatible materials described in the chemical reaction report.

9. EXPOSURE CONTROLS / PERSONAL PROTECTION:

- a. National occupational exposure limits: No value assigned for this specific material.
- b. Biological Limit Values: the ingredients in this material do not have a Biological Limit Allocated.
- c. Engineering measures: Avoid inhaling dusts generated when machining. Personal protection equipment: overalls & safety shoes.

10. 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 overexposure occurs are Acute Effects.

- a. Inhalation: Inhalation of dust generated when machining may be irritant to mucous membranes and respiratory tract. Skin contact: Contact of dust generated when machining may result in irritation.
- b. Eye contact: May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. Ingestion: No adverse effects expected however large amounts may cause nausea and vomiting.
- c. Long Term Effects: No information available. Acute toxicity / Chronic toxicity:

d. No LD50 data available for the product.

11. ECOLOGICAL INFORMATION: Avoid contaminating waterways.

- a. Eco-toxicity: No information available.
- b. Persistence and degradability: No information available.
- c. Mobility: No information available.

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

13. TRANSPORT INFORMATION:

- a. ROAD AND RAIL TRANSPORT: Not classified as Dangerous Goods
- b. MARINE TRANSPORT: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
- c. AIR TRANSPORT: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

14. OTHER INFORMATION: This material safety data sheet has been prepared by Euro Woods & Timbers Pvt Ltd, Chennai, TN, INDIA.

DISCLAIMER

This MSDS summarizes 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 Euro Woods cannot 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 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.