



MATERIAL SAFETY DATA SHEET

Non-Hazardous Substance
Non-Dangerous Goods



1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name: Poliwood Wood Plastic Composite Decking and Screening Material

Colours: various

Recommended use: For various purpose decking and screening

Supplier: Build Wholesale Group Pty. Ltd.
PO Box 266, Chadstone Victoria 3148 Australia

Product and MSDS information: (03) 9084 7426

Emergency contact: (03) 9084 7426

Manufacturer: Jiangxi Ruijing Hongxing Industrial Co., Ltd
East Side of Chuangye 1st Road, Ruijin Economic Development Zone,
Ruijin City, Jiangxi Province, China
Tel:+86-797-2582666 Fax:+86-797-2582222

2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

3. COMPOSITION INFORMATION

- a) Natural pure wood fibre
 - b) High quality Polypropylene and Polyethylene plastic resin
 - c) Light stabiliser
 - d) Anti-UV additive
 - e) Anti-aging additive
 - f) Coupling agents
 - g) Colour pigment
- Non-hazardous ingredients

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766)

Eye contact: If dust enters eyes, wash out immediately with water. Dust may cause irritation and conjunctivitis. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

Skin contact: If contact is made with skin or hair, wash contact areas with soap and water. If swelling, redness, irritation occurs seek medical assistance. Launder contaminated clothing before reuse.

Ingestion: Not an anticipated route of exposure. May cause choking if swallowed. If uncomfortable, seek medical assistance.

Inhalation: If respiratory irritation, cough, shortness of breath, wheezing or chest tightness occurs after exposure to dust, remove from further exposure, seek immediate medical assistance and call for a doctor.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

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

Specific hazards: Combustible material.

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

6. ACCIDENTAL RELEASE 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 and drums for disposal.

7. HANDLING AND STORAGE

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

Storage: Store in a cool, flat, dry place and away from heat and ignition sources. Store away described in Section 10.

8. EXPOSURE CONTROLS AND / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia. Natural ventilation should be adequate under normal use conditions.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Allocated Engineering measures: Avoid inhaling dusts generated when machining.

Personal protection equipment: Adequate footwear and clothing that protects skin from prolonged or repeated contact. Change clothing if extensive dust contamination occurs. If risk of dust inhalation exists, particular respirator is needed.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form/Colour/Odour: Solid boards, variety of colours, no odour.

Density: 1.298g/cm³ ASTM D792-00 Flexural

Strength: 26.1 Mpa ASTM D790-07 Flexural modulus of elasticity: 3.62 Gpa ASTM D790-07

Compressive strength: 29.8MPa ASTM D695-02a

Tensile strength: 4.42MPa ASTM D638-08

Charpy impact resistance without notched: 3.8KJ/m² ASTM D6110-06

Shore hardness(D): ASTM D 2240-05

Water absorption (23 °C 24h): 1.5-1.8% ASTM D570-98

10. STABILITY AND REACTIVITY

Chemical stability: The product is stable under ambient temperatures and atmospheric pressure when stored and used as directed.

Conditions to avoid: Extreme heat and sources of ignition.

Incompatible Materials: Oxidising agents.

Hazardous decomposition product: Carbon monoxide and carbon dioxide.

Hazardous reactions: No information available.

11. 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.

Acute Effects

Inhalation: Inhalation of dust generated when machining may be an irritant to mucous membranes and respiratory tract.

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

Eye contact: May be 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.

Acute Toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available

Persistence and degradability: No information available

Mobility: No information available

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

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.

15. REGULATORY INFORMATION

Poisons Schedule (Aust): Not applicable.

16. OTHER INFORMATION DISCLAIMER

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 Build Wholesale Group Pty. Ltd. 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 how the user intends to handle and use the product in the workplace. The user (not the supplier) assumes responsibility for the processes of safety and health. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Build Wholesale Group Pty Ltd assumes no responsibility and disclaims liability for any loss, damage or expense arising there from.