

SAFETY DATA SHEET

LETO Bamboo Plywood and Veneer

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by LETO Bamboo, a brand of Bord Products Pty Ltd, in accordance with Safe Work Australia guidelines. Information contained herein must not be altered, deleted or added to. Bord Products will revise this SDS in accordance with statutory provisions. Bord Products will not accept responsibility for changes made to this SDS by any person or organisation not authorised by Bord Products to make these changes.

Company Information

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Identification

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| Product Name | Boiled, kiln-dried, plantation bamboo (Phyllostachys Pubescens) plywood and veneer |
| Chemical Name | None Allocated |
| UN Number | None Allocated |
| Trade Name | LETO Bamboo |
| Dangerous Goods Class | None Allocated |
| Subsidiary Risk | None Allocated |
| Hazchem Code | None Allocated |
| Poisons Schedule Number | None Allocated |
| Use | Boiled, kiln-dried, engineered, plantation bamboo plywood and veneer for use in: doors, ceiling and wall linings, counter-tops, tables, joinery, furniture and similar interior applications. |
| Exposure Standards | There are no established Workplace Exposure Standards applied to laminated bamboo at this time. Bamboo is a grass, |

and as such is of vegetable fibres (not wood fibres), although both are Lignocellulose in structure.

Description

LETO Bamboo plywood and veneer are produced from boiled, kiln-dried plantation *Phyllostachys Pubescens* (Moso bamboo). Bamboo in its natural state has a blonde colour. Bamboo that has undergone an extended boiling and kiln-drying process is known as carbonised, and is a tan colour throughout.

Product range:

- Narrow grain natural solid plywood
- Narrow grain carbonised solid plywood
- Wide grain carbonised solid plywood
- Strand woven carbonised solid plywood
- Narrow grain natural veneer (on plywood substrate)
- Narrow grain carbonised veneer (on plywood substrate)

Thicknesses range from 1.5mm to 40mm. Standard sheet size is 2440 x 1220mm.

Properties

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| Odour | There is no negative odour, or chemical smell. |
| Boiling Point | Not applicable |
| Melting Point | Not applicable |
| Vapour Pressure | Not applicable |
| Flashpoint | Not applicable |
| Flammability Limits in air | Fine airborne dust can ignite spontaneously |
| Specific Gravity (water = 1) | Varies according to moisture content |
| Molecular Weight | 690 – 810 kg/m ³ |
| Solubility in water | Highly insoluble |
| pH (1% aqueous solution) | Not applicable |
| Auto-ignition Temperature | >220°C |

Precautions for Use

LETO Bamboo recommendations:

Use of a standard type (P1 or P2 suitable for particulates, and conforming with the Australian Standards AS/NZS 1715 and AS/NZS 1716) dust mask to be used at all times when cutting laminated bamboo sheet. A vacuum system should be installed wherever possible to remove the bamboo dust from the cutting site.

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| Skin Protection | Wear long sleeved shirts and trousers for protection. Launder protective clothing regularly. |
| Eye Protection | Non-fogging goggles or safety glasses (AS/NZS 1337) should be worn if there is a risk of bamboo dust getting into the eyes. |
| Flammability | Not flammable, but combustible, and will help sustain a fire. Flame test results are available on request. |
| Fire Hazard | All areas where dust can build up (such as under saws) should be cleared regularly to avoid possible combustion from sparks or embers. In a fire, use water to extinguish flames. |
| Smoking | LETO Bamboo recommends that all storage and work areas be smoking free. |

Handling Information

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| Storage and Transport | Laminated bamboo sheet and veneers should be stored in a well-ventilated area away from heat sources, flames, or sparks. They should be stored flat, and protected from water or moisture ingress. Moisture will encourage mould or mildew growth on the surface of the bamboo sheet. Excessive dryness will encourage warping and splitting of the exposed raw faces. Cover with protection against discolouration from UV light. Secure your load when transporting. Adhere to Safe Work Australia National Code of Practice for Manual Handling. Lifting a bamboo sheet clearly from the bamboo sheet beneath in the stack will reduce the possibility of surface damage or gouging. |
| Disposal | Safe disposal can be carried out at certified council tips and recycle plants. Note: Due to its high carbon absorption rate, bamboo should not be used as fuel in fires, or disposed of by burning, as stored carbon is released back to the atmosphere, adding to global warming. Natural decomposition will occur when buried, and beneficially adds to soil composition. |

Emergency & First Aid Information

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| Skin (handling) | Handling bamboo may cause splinters. Protective gloves are recommended. |
| Ingestion | Swallowing bamboo dust may cause abdominal discomfort. Seek medical advice. |
| Eyes | Bamboo dust may irritate eyes. Flush thoroughly with water. If irritation persists, seek medical advice. |
| Skin (dust contact) | Contact with bamboo dust may result in skin irritation. Remove any dusty clothing and wash the affected area with mild soap and water. If irritation persists, seek medical advice. |
| Inhaled | Inhalation of bamboo dust may be irritating to the nose, throat and lungs. Protective goggles and face masks are recommended. |
| Emergency Telephone | 24 Hour Poisons Information Centre: 13 11 26 Police / Fire / Ambulance: 000 |

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