

SAFETY DATA SHEET

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

COMPANY INFORMATION

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IDENTIFICATION

Product Name: Boiled, kiln-dried, plantation Bamboo (Phyllostachys Pubescens)

Chemical Name: None Allocated

UN Number: None Allocated

Trade Name: LETObamboo

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 ply sheets have multiple uses: including, but not limited to, ceiling and wall linings, counter-tops, tables and furniture.

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

Appearance: Boiled, kiln-dried plantation bamboo has a blonde colour to the natural product; whilst the bamboo which has endured an extended boiling and kiln-drying processes, is known as carbonised; and is a tan colour throughout. Bamboo ply sheets and veneers, have 3 different face styles: wide grain, narrow grain and strand woven. All 3 are available in 2440 x 1220mm size sheets, in a range of thicknesses, and both natural and carbonised colours.

SAFETY DATA SHEET

PLANTATION BAMBOO

PROPERTIES

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 pm ³
Solubility in water:	Highly insoluble
pH (1% aqueous solution):	Not applicable
Auto-ignition temperature:	>220° C

PRECAUTIONS FOR USE

LETObamboo 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.

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. Please refer to the LETObamboo website www.letobamboo.com/more/resources to download the relevant flame test results.
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:	LETObamboo recommends that all storage and work areas be smoking free.

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HANDLING INFORMATION

- Storage and Transport:** Laminated bamboo sheet and veneers should be stored in a well-ventilated area away from heat sources, flames, or sparks. It 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:** Details of the Take Back Program offered by LETObamboo are available at www.letobamboo.com/more/resources. Safe disposal can also 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

EMERGENCY & FIRST AID INFORMATION

- Skin:** 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:** Contact with bamboo dust may result in skin irritation. Remove any dusty clothing and wash 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 Numbers:**
- | | |
|------------------------------------|----------|
| 24 Hour Poisons Information Centre | 13 11 26 |
| Police/Fire/Ambulance | 000 |

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