



**evoca**™  
beautiful, durable, renewable bamboo

## EVOCA MATERIAL SAFETY DATA SHEET

### Section 1: Product and Company Identification

Product: Evoca Engineered Bamboo Decking

Distributor: Buildpro Ltd ABN 91 853 063 150

Preparation Date: March, 2007

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Ferrymead

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Christchurch 8241

New Zealand

[www.evoca.co.nz](http://www.evoca.co.nz)

### Section 2: Composition, Information on Ingredients

Bamboo Fibre: 60-70%

Phenolic Resin: 30-40%

### Section 3: Hazards Identification

In normal use, the product is not hazardous. However, this product may be cut or finished in ways which produce bamboo dust fibres. Certain bamboo fibres are considered hazardous if the airborne concentration exceeds the OSHA or ACGIH exposure limits for long periods of time. Exposure to such fibres is considered unlikely with this product; all sawdust in the board is fully stabilized inside of the bamboo fibre organization.

### Section 4: Emergency and First Aid Procedures

Inhalation: This material is not expected to present an inhalation hazard.

Eyes: Flush sawdust or fines from eyes with water; if irritation occurs obtain medical attention.

Skin: This material is not expected to present a skin contact hazard.

Ingestion: No adverse effects expected from ingestion.

### Section 5: Fire and Explosion Data

Flash Point: Greater than 650F.

Upper Explosive Limit: Not Determined

Lower Explosive Limit: Not Determined

Auto Ignition Temperature: Estimated to be greater than 650F.

Extinguishing Media: Dry Chemical, Water Fog, Foam, Carbon Dioxide.

Special Fire Fighting Procedures: Dense smoke emitted when burned without sufficient oxygen. Possible dust explosion if fines accumulate. Wear standard fire fighting attire (as for fighting a wood fire), including SCBA gear in enclosed areas.

NEPA Hazard ID: Health: 0 Flammability: 1 Reactivity: 0

### Section 6: Spills and Disposal Notification Procedures

Land Spill: Material should be swept up and discarded.

Water Spill: Clean up and discard or reuse.

Waste Disposal: Dispose of in accordance with local regulations. No special procedures required.

### Section 7: Handling and Storage Handling

Evoca has a density of 690kg per m<sup>3</sup>. Lift carefully.

Storage: Support every 600mm on a flat surface. Store away from strong oxidizing agents and combustible materials.



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#### Section 8: Protective Measures

Ventilation: Use in well ventilated area.

Respiratory Protection: An approved respirator may be needed in areas with a high accumulation of fines.

Eye protection: Wear safety glasses with side shields when sawing or installing.

Skin protection: No special precautions needed.

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#### Section 9: Physical Data Appearance and Odour

Odour: Slight Bamboo fibre odour.

Solubility in Water: Insoluble

Vapour Pressure: Negligible

Melting Point: 275-350F

Vapour Density: NA

Percent Volatile: Negligible

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#### Section 10: Reactivity Stability

This material is stable.

Conditions to Avoid: Heat and flame

Materials to Avoid: Strong oxidizing agents

Combustion Products: Hazardous Polymerization: Will not occur.

The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapour, trace VOC's, Formic Acid, Acetic Acid.

#### Section 11: Toxicological Data

Exposure Limit of Material Not established LD50 (lethal dose) of material not established.

Carcinogenetic Material: None (bamboo dusts are fully stabilized inside the bamboo fibre organization)

#### Section 12: Ecological Considerations

This material has not been tested for environmental effects.

(But is not considered hazardous)

#### Section 13: Disposal Considerations

Dispose of as normal refuse.

#### Section 14: Transport Information

This material is not regulated by transport regulations.

NEPA Hazard ID: Health: 0 Flammability: 1 Reactivity: 0

#### Section 15: Regulatory Information

WHMIS Classification: This is not a controlled product. This material is not hazardous by OSHA Hazardous Communication Standard 29 CFR 1910.1200. This material is not subject to specific CERCLA, California Safe Drinking Water and Toxic Enforcement Act (Proposition 65) or SARA 313 reporting requirements.

To the best of our knowledge the information contained in this Material Safety Data Sheet is accurate. However, neither Buildpro Ltd nor any of its affiliates makes any warranty, expressed or implied, or accepts any liability in connection with this information or its use.