

GREEZU Bamboo Decking/ Screening – MSDS

Section 1: Product and Company Identification

Product: GREEZU Bamboo Decking

Manufacturer: Precious Bamboo Development Co.,Ltd

Preparation

Date:

April 2014

Section 2: Composition, Information on Ingredients

Bamboo Fiber: 98 – 99%

Phenolic Resin: 1 -2%

Section 3: Hazards Identification

In normal use, the product is not hazardous. However, this product may be cut or finished in ways that produce bamboo dust fibers. Certain bamboo fibers are considered hazardous if the airborne concentration exceeds the OSHA or ACGIH exposure limits for long periods of time. Exposure to such fibers is considered unlikely with this product; all sawdust in the board is fully stabilized inside of the bamboo fiber 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 650°F (343.6°C).

Upper Explosive Limit: Not Determined

Lower Explosive Limit: Not Determined Auto Ignition

Temperature: Estimated to be greater than 650°F (343.6°C).

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 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

GREEZU Bamboo has a density of 750kg per M3. Lift carefully.

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

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.

Section 9: Physical Data Appearance and Odour

Colour: Treated Green

Odour: Slight Bamboo fibre odour.

Solubility in Water: Insoluble

Vapour Pressure: Negligible

Melting Point: 275-350F(135.1-176.8°C)

Vapour Density: NA

Percent Volatile: Negligible

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, traces 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 fiber 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 as per local council regulations.

Section 14: Transport Information

This material is not regulated by transport regulations.

Section 15: Regulatory Information

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