

BamDeck® Composite Decking & Fascia Material Safety Data Sheet

Technical Review Date: Jan, 2015

NON-Hazardous Substance, NON-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Type: Wood/Plastic Composite Decking Material

Synonyms: BamDeck®, BamDeck® 3G, BamDeck® 3G Wide, BamDeck® TruOrganics

Recommended use: For decking or fencing (as recommended by Cali Bamboo, LLC.).

2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of “List of dangerous goods” - GB12268-2005, Published by General Administration of Quality Supervision, Inspection and Quarantine of the PRC and Sacstandardization Administration of China.

Poisons Schedule (China): Not applicable.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY CAS NO. PROPORTION

Chemical composition: Bamboo powder : Recycled Plastic Additives= 60:40

Non hazardous ingredients: 100%

100%

Main material	percentage	Main Details	Main source
Bamboo powder	60%	bamboo species: Sinobambusa Makino (in Latin)	waste material when making pure bamboo products.
Recycled Plastic Additives	40%	HDPE 75% of 30% (High density PE) LDPE 15% of 30% PP 10% of 30% Coupling agent 3% Lubricant 2% Anti-oxidation agent 1.5% Anti-UV agent 1.5% colorants 2%	Shampoo and body wash bottles, detergent bottles, petrol bottle, the coating of cable

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone our local agency.).

Inhalation: Leave effected area and move to fresh air.

Skin contact: If skin or hair contact occurs, wash with soap and water. If swelling, redness, blistering or irritation occurs seek medical assistance.

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

Ingestion: May cause choking if swallowed. If uncomfortable, seek medical assistance.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Specific hazards: Combustible solid.

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

Hazchem Code: Not applicable.

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

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 labeled containers or drums for disposal.

Regulations on the control over safety of dangerous chemicals 2002, published by State Council of the People's Republic of China : Not applicable.

7. HANDLING AND STORAGE

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

Storage: Store in a cool, flat, dry place and out of direct sunlight. Store away from incompatible materials described in Section 10.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by the OSH China.

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]” the ingredients in this material do not have a Biological Limit Allocated.

Engineering measures: Avoid inhaling dusts generated when machining.

Personal protection equipment: Overalls and safety shoes.

Wear standard safety equipment - Overalls and safety shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Solid boards, variety of colours, no odour. Solubility: Insoluble in water.

Specific Gravity (20 °C): N Av

Relative Vapour Density (air=1): N App

Vapour Pressure (20 °C): N App **Flash Point:** N Av

Flammability Limits (g/m³): N Av **Autoignition Temperature (°C):** N Av **Melting Range (°C):** 120

Boiling Point/Range (°C): N App

pH: N App

(Typical values only - consult specification sheet) N Av = Not available N App = Not applicable

10. Stability and Reactivity

Chemical stability: The product is stable under ambient temperatures and atmospheric pressure.

Incompatible Materials: No information available.

Hazardous decomposition products: 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 overexposure occurs are:

Acute Effects

Inhalation: Inhalation of dust generated when machining may be 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 particulate nature.

Ingestion: No adverse effects expected however large amounts may cause nausea and vomiting.

Long Term Effects: No information available.

Acute toxicity / Chronic toxicity: No LD50 data available for the product.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Ecotoxicity: No information available

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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 Regulations on the control over safety of dangerous chemicals 2002, published by State Council of the People's Republic of China

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Poisons Schedule (Aust): Not applicable.

16. OTHER INFORMATION

This material safety data sheet has been prepared by Cali Bamboo, LLC.

Reason(s) for Issue: First Issue

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 Cali Bamboo, LLC 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 of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.