

**CLASSIFICATION:** 09 64 33 Laminated Wood Flooring

**PRODUCT DESCRIPTION:** Bamboo flooring. 5/8" thick x 3.75" wide x 38" long. Carbonized for a darker color, 100% constructed from horizontally-oriented strips of Moso Bamboo. UV urethane finish with aluminum oxide. Bamboo strips glued to together with with phenol-formaldehyde adhesive.

## Section 1: Summary

## Nested Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method
- Basic Method

#### Threshold Disclosed Per

- Material
- Product

#### Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

#### Residuals/Impurities

Residuals/Impurities  
Considered in 3 of 3 Materials

Explanation(s) provided  
for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

**Characterized**  Yes  No  
Percent Weight and Role Provided?

**Screened**  Yes  No  
Using Priority Hazard Lists with Results Disclosed?

**Identified**  Yes  No  
Name and Identifier Provided?

### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**MATERIAL** | **SUBSTANCE** | *RESIDUAL OR IMPURITY*  
**GREENSCREEN SCORE** | HAZARD TYPE

**MOSO BAMBOO** [ **MOSO BAMBOO** NoGS ] **ANTI-SCRATCH UV URETHANE FINISH** [ **TRIPROPYLENE GLYCOL DIACRYLATE** LT-P1 | AQU | SKI | EYE | **MUL TRIMETHYLOLPROPANE TRIACRYLATE** LT-UNK | RES | SKI | EYE | **CAN DIPROPYLENE GLYCOL DIACRYLATE** LT-UNK **PROPANEDIOL** NoGS **ALUMINUM OXIDE** LT-P1 | RES ] **PHENOLFORMALDEHYDE GLUE** [ **PHENOL FORMALDEHYDE** LT-P1 | RES **SODIUM HYDROXIDE** LT-P1 | SKI | PHY ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen  
Benchmark or List translator Score ... LT-P1  
Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

### CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CARB Composite Wood ATCM CA 93120 No-Added Formaldehyde (NAF)

#### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-09-28

PUBLISHED DATE: 2018-09-28

EXPIRY DATE: 2021-09-28



## Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: [www.hpdc-collaborative.org/hpd-2-1-standard](http://www.hpdc-collaborative.org/hpd-2-1-standard)

### MOSO BAMBOO

#: 95.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Natural bamboo - no residuals and impurities

OTHER MATERIAL NOTES:

### MOSO BAMBOO

ID: Not registered

#: 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: Primary component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

### ANTI-SCRATCH UV URETHANE FINISH

#: 2.0000 - 5.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No known residuals and impurities

OTHER MATERIAL NOTES:

### TRIPROPYLENE GLYCOL DIACRYLATE

ID: 42978-66-5

#: 30.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Finish

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

**TRIMETHYLOLPROPANE TRIACRYLATE**

ID: 15625-89-5

#: **30.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Finish**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SKIN IRRITATION EU - GHS (H-Statements) H315 - Causes skin irritation

SKIN SENSITIZE EU - GHS (H-Statements) H317 - May cause an allergic skin reaction

EYE IRRITATION EU - GHS (H-Statements) H319 - Causes serious eye irritation

SKIN SENSITIZE MAK Sensitizing Substance Sh - Danger of skin sensitization

CANCER IARC Group 2b - Possibly carcinogenic to humans

SUBSTANCE NOTES:

**DIPROPYLENE GLYCOL DIACRYLATE**

ID: 57472-68-1

#: **25.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Finish**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**PROPANEDIOL**

ID: 26264-14-2

#: **10.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Finish**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**ALUMINUM OXIDE**

ID: 1344-28-1

#: **5.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Finish**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

**PHENOLFORMALDEHYDE GLUE**

**%: 1.0000**

**HPD URL:**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **No known residuals and impurities**

OTHER MATERIAL NOTES:

**PHENOL FORMALDEHYDE**

ID: **9003-35-4**

**%: 90.0000 - 97.5000**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**RESPIRATORY**

**AOEC - Asthmagens**

**Asthmagen (Rs) - sensitizer-induced**

SUBSTANCE NOTES:

**SODIUM HYDROXIDE**

ID: **1310-73-2**

**%: 2.5000 - 10.0000**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**SKIN IRRITATION**

**EU - R-phrases**

**R35 - Causes severe burns**

**SKIN IRRITATION**

**EU - GHS (H-Statements)**

**H314 - Causes severe skin burns and eye damage**

**PHYSICAL HAZARD (REACTIVE)**

**Korea - GHS**

**H290: May be corrosive to metals**

SUBSTANCE NOTES:

## Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

### VOC EMISSIONS

### CARB Composite Wood ATCM CA 93120 No-Added Formaldehyde (NAF)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **CARB**

APPLICABLE FACILITIES: **Factory**

**07-01**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

## Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.

## Section 5: General Notes



## MANUFACTURER INFORMATION

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MANUFACTURER: **Galleher**

ADDRESS: **9303 Greenleaf Ave.**

**Santa Fe Springs CA 90670, United States**

WEBSITE: **www.rewardhardwood.com**

CONTACT NAME: **Jason Grant**

TITLE: **Environmental Compliance Manager**

PHONE: **7075365983**

EMAIL: **jgrant@galleher.com**

## KEY

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**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Hazard Types

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement)

**BM-2** Benchmark 2 (use but search for safer substitutes)

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

**NoGS** Unknown (no data on List Translator Lists)

### Recycled Types

**PreC** Preconsumer (Post-Industrial)

**PostC** Postconsumer

**Both** Both Preconsumer and Postconsumer

**Unk** Inclusion of recycled content is unknown

**None** Does not include recycled content

### Other Terms

#### Inventory Methods:

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material

**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product

**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology

**Third Party Verified** Verification by independent certifier approved by HPDC

**Preparer** Third party preparer, if not self-prepared by manufacturer

**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*