

CLASSIFICATION: 09 64 33 Laminated Wood Flooring

PRODUCT DESCRIPTION: Stand Bamboo flooring. 1/2" thick x 3-7/8" to 4-1/2" wide x 72" long. Composed of shredded Moso Bamboo fibers that are infused with a low-VOC phenol-formaldehyde resin and then pressed with enormous force into an ultra-dense composite. UV urethane finish with aluminum oxide.

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 BISPHENOL A-EPICHLOROHYDRIN ACRYLATE** LT-UNK
POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | **MUL ETHOXYLATED TRIMETHYLOLPROPANE TRIACRYLATE** LT-UNK
FUMED SILICA, CRYSTALLINE-FREE LT-UNK **BISPHENOL A DIGLYCIDYL ETHER (BADGE)** LT-P1 | END **TETRAHYDROFURFURYL ACRYLATE** NoGS
1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | EYE | **MUL BENZOPHENONE** LT-1 | CAN | END **1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-** LT-UNK
DIPROPYLENE GLYCOL DIACRYLATE LT-UNK **PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE (PMA)** LT-UNK **TRIETHANOLAMINE** LT-P1 | RES | END **HYDROXYCYCLOHEXYL PHENYL KETONE** LT-UNK
DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE LT-P1 | REP | **MUL TOLUENE** LT-1 | DEL | REP | PHY | MAM | SKI | END | **MUL 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-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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: 2018-11-16

PUBLISHED DATE: 2018-11-16

EXPIRY DATE: 2021-11-16



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.hpd-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

#: 10.0000

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

SUBSTANCE NOTES: Gloss topcoat

BISPHENOL A-EPICHLOROHYDRIN ACRYLATE

ID: 55818-57-0

%: 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: UV putty

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

%: 10.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Supermat topcoat

ETHOXYLATED TRIMETHYLOLPROPANE TRIACRYLATE

ID: 28961-43-5

%: 5.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Gloss topcoat

FUMED SILICA, CRYSTALLINE-FREE

ID: 112945-52-5

%: 2.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: UV putty

BISPHENOL A DIGLYCIDYL ETHER (BADGE)

ID: 25085-99-8

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ENDOCRINE	EU - Priority Endocrine Disruptors Category 2 - In vitro evidence of biological activity related to Endocrine Disruption
SUBSTANCE NOTES: Acrylic sealer	

TETRAHYDROFURFURYL ACRYLATE

ID: 2399-48-6

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists
SUBSTANCE NOTES: Supermat topcoat	

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARDS:	AGENCY(IES) WITH WARNINGS:
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: Gloss topcoat	

BENZOPHENONE

ID: 119-61-9

HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	IARC Group 2B - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65 Carcinogen
ENDOCRINE	ChemSec - SIN List Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor
SUBSTANCE NOTES: Gloss topcoat	

1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-

ID: 7473-98-5

%: 0.0500	GS: LT-UNK	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Gloss topcoat****DIPROPYLENE GLYCOL DIACRYLATE**

ID: 57472-68-1

%: 0.0500	GS: LT-UNK	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **UV putty****PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE (PMA)**

ID: 108-65-6

%: 0.0500	GS: LT-UNK	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **UV putty****TRIETHANOLAMINE**

ID: 102-71-6

%: 0.0100	GS: LT-P1	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY**AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced****ENDOCRINE****TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**SUBSTANCE NOTES: **UV putty****HYDROXYCYCLOHEXYL PHENYL KETONE**

ID: 947-19-3

%: 0.0100	GS: LT-UNK	RC: None	NANO: No	ROLE: Finish
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Anti-scratch topcoat

DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE

ID: 75980-60-8

#: **0.0100** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Finish**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

REPRODUCTIVE	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: UV abrasion resistance sealer

TOLUENE

ID: 108-88-3

#: **0.0100** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Finish**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A

SUBSTANCE NOTES: Supermat topcoat

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 - 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

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

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.