

Monarch Plank - Unfinished by Galleher

Health Product Declaration v2.0

CLASSIFICATION: 09 64 33 LAMINATED WOOD FLOORING

created via: HPDC Online Builder

PRODUCT DESCRIPTION: UNFINISHED ENGINEERED WOOD FLOORING AVAILABLE IN A VARIETY OF THICKNESSES (5/8, 13/16, & 3/4"). 4 OR 5MM HARDWOOD WEAR LAYER (EUROPEAN OAK, WALNUT OR HICKORY) ON A BALTIC BIRCH PLYWOOD PLATFORM. WEAR LAYER GLUED TO PLYWOOD WITH EPI ADHESIVE. PLYWOOD VENEERS GLUED TOGETHER WITH PHENOL-FORMALDEHYDE ADHESIVE. WEAR LAYER THICKNESS, PLYWOOD THICKNESS, AND OVERALL PRODUCT THICKNESS VARY, BUT THE COMPOSITION DOES NOT.

Section 1: Summary

CONTENT INVENTORY

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

Residuals and impurities considered in 0 of 5 materials

- see Section 2: Material Notes
- see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

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

PLYWOOD PLATFORM - BALTIC BIRCH [BIRCH UNK] HARDWOOD WEAR LAYER (EUROPEAN OAK, WALNUT, OR HICKORY) [EUROPEAN OAK, WALNUT OR HICKORY UNK] EPI GLUE [WATER BM-4 CALCIUM CARBONATE BM-3 STYRENE BUTADIENE RUBBER (SBR) LT-UNK POLY(VINYL ALCOHOL) LT-UNK] HARDENER FOR EPI GLUE [POLYMERIC MDI (PMDI) LT-UNK] RES | MUL | CAN] PHENOLFORMALDEHYDE GLUE [PHENOL FORMALDEHYDE LT-P1] RES SODIUM HYDROXIDE LT-P1 | SKI | PHY]

Number of Greenscreen BM-4/BM3 contents..... 2
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-P1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: FloorScore
Sustainable forestry: Forest Stewardship Council

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: March 31, 2017	EXPIRY DATE*: March 31, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 25, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

PLYWOOD PLATFORM - BALTIC BIRCH

HPD URL: %: 65.0000 - 84.0000

Inventory Threshold: Other

Residuals Considered: No

Material Notes: This is the plywood platform for the engineered flooring, i.e. the substrate that the wear layer is glued to.

BIRCH

ID:

%: 100.0000

GS: UNK

RC: None

NANO: NO

ROLE: Platform

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

HARDWOOD WEAR LAYER (EUROPEAN OAK, WALNUT, OR HICKORY)

HPD URL: %: 16.0000 - 35.0000

Inventory Threshold: Other

Residuals Considered: No

Material Notes: This is the natural wood -- one of three species -- used in the wear layer (the top, visible layer) of the engineered wood flooring.

EUROPEAN OAK, WALNUT OR HICKORY

ID:

%: 25.0000 - 33.0000

GS: UNK

RC: None

NANO: NO

ROLE: Engineered flooring wear layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This is the natural wood -- one of three species -- used in the wear layer (the top, visible layer) of the engineered wood flooring.

EPI GLUE

HPD URL: %: 0.1000 - 1.0000

Inventory Threshold: Per GHS SDS

Residuals Considered: No

Material Notes: Emulsion Polymer Isocyanate (EPI) glue used to bind the wear layer to the plywood platform.

WATER

ID: 7732-18-5

%: 30.0000 - 70.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CALCIUM CARBONATE

ID: 471-34-1

#: 15.0000 - 30.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

#: 10.0000 - 30.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLY(VINYL ALCOHOL)

ID: 9002-89-5

#: 3.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

HARDENER FOR EPI GLUE #: 0.0250 - 0.2500 HPD URL:

Inventory Threshold: Per GHS SDS Residuals Considered: No

Material Notes:

POLYMERIC MDI (PMDI)

ID: 9016-87-9

#: 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES:

PHENOL FORMALDEHYDE GLUE %: 0.0250 - 0.2500 HPD URL:

Inventory Threshold: Per GHS SDS Residuals Considered: No

Material Notes: Adhesive used to laminate wood veneers into plywood

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

FloorScore

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Manufacturing facilities
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2016-12-28

EXPIRY DATE: 0000-00-00

CERTIFIER OR LAB: Scientific Certification Systems

SUSTAINABLE FORESTRY

Forest Stewardship Council

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All distribution facilities
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2016-06-30

EXPIRY DATE: 2021-06-29

CERTIFIER OR LAB: GFA

 **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.

 **Section 5: General Notes**



MANUFACTURER INFORMATION

MANUFACTURER: Galleher

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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

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2 Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

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

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

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.