

Monarch Plank - Forte Collection by Galleher

Health Product Declaration v2.0

CLASSIFICATION: 09 64 33 LAMINATED WOOD FLOORING

created via: HPDC Online Builder

PRODUCT DESCRIPTION: 3/4" PREFINISHED ENGINEERED WOOD FLOORING. 5MM THICK HARDWOOD WEAR LAYER (EUROPEAN OAK, WALNUT OR HICKORY) ON A 14MM THICK BALTIC BIRCH PLYWOOD PLATFORM. UV OIL FINISH. WEAR LAYER GLUED TO PLYWOOD WITH EPI ADHESIVE. PLYWOOD VENEERS GLUED TOGETHER WITH PHENOL-FORMALDEHYDE ADHESIVE.

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 0 of 6 materials	Based on the selected Content Inventory Threshold:	
<input type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2: Material Notes	Characterized.....	<input checked="" type="radio"/> <input type="radio"/>
<input checked="" type="radio"/> Per GHS SDS	<input checked="" type="radio"/> see Section 5: General Notes	Are the Percent Weight and Role provided for all substances?	Yes No
<input type="radio"/> Per OSHA MSDS		Screened.....	<input checked="" type="radio"/> <input type="radio"/>
<input checked="" type="radio"/> Other		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, HICKORY OR WALNUT [EUROPEAN OAK, HICKORY OR WALNUT UNK] UV OIL FINISH, BASE COAT AND TOP COAT [ETHOXYLATED TRIMETHYLOLPROPANE TRIACRYLATE LT-UNK GLYCEROL PROPOXYLATE TRIACRYLATE LT-UNK BENZOPHENONE LT-1 | CAN | END NEOPENTYL GLYCOL DIACRYLATE LT-UNK | MAM | EYE | SKI TRIMETHYLOLPROPANE TRIACRYLATE LT-UNK | EYE | SKI | RES] 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-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

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

#: 73.0000

HPD URL:

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, HICKORY OR WALNUT

#: 26.0000

HPD URL:

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, HICKORY OR WALNUT

ID:

#: 100.0000

GS: UNK

RC: None

NANO: NO

ROLE: Wear layer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UV OIL FINISH, BASE COAT AND TOP COAT

#: 0.1000 - 0.5000

HPD URL:

Inventory Threshold: Per GHS SDS

Residuals Considered: No

Material Notes: Substances are the chemical components of the base and top coats used in the flooring's UV-cured factory finish. The hazards associated with all of the chemicals used in the manufacture of this finish are only present when the finish is in a wet state (i.e. when it is being applied at the factory). Through the UV curing process, the chemicals are altered and become inert such that there is no exposure to the user.

ETHOXYLATED TRIMETHYLOLPROPANE TRIACRYLATE

ID: 28961-43-5

#: 60.0000 - 80.0000

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:

GLYCEROL PROPOXYLATE TRIACRYLATE

ID: 52408-84-1

#: 1.0000 - 5.0000

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:

BENZOPHENONE

ID: 119-61-9

#: 1.0000 - 5.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Finish

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:

NEOPENTYL GLYCOL DIACRYLATE

ID: 2223-82-7

#: 0.0100 - 0.9000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Finish

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R24 - Toxic in Contact with Skin

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

MAMMALIAN

EU - GHS (H-Statements)

H311 - Toxic in contact with skin

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

SUBSTANCE NOTES:

TRIMETHYLOLPROPANE TRIACRYLATE

ID: 15625-89-5

#: 0.0100 - 0.9000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Finish

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

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

SUBSTANCE NOTES:

EPI GLUE

#: 0.1000 - 0.5000

HPD URL:

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:

None Found

AGENCY(IES) WITH WARNINGS:

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:

None Found

AGENCY(IES) WITH WARNINGS:

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:

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:

PHENOLFORMALDEHYDE GLUE #: 0.0250 - 0.2500 HPD URL:

Inventory Threshold: Per GHS SDS Residuals Considered: No

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 ISSUE DATE: 2016-12-28 EXPIRY DATE: 0000-00-00 CERTIFIER OR LAB: Scientific Certification Systems
 APPLICABLE FACILITIES: Manufacturing facilities
 CERTIFICATE URL:
 CERTIFICATION AND COMPLIANCE NOTES:

SUSTAINABLE FORESTRY **Forest Stewardship Council**
 CERTIFYING PARTY: Third Party ISSUE DATE: 2016-06-30 EXPIRY DATE: 2021-06-29 CERTIFIER OR LAB: GFA
 APPLICABLE FACILITIES: All distribution facilities
 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.





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.