

# Monarch Plank - Storia II Collection by Galleher

CLASSIFICATION: 09 64 33 LAMINATED WOOD FLOORING

PRODUCT DESCRIPTION: 1/2" PREFINISHED ENGINEERED WOOD FLOORING. 2MM THICK HARDWOOD WEAR LAYER (EUROPEAN OAK, WALNUT OR HICKORY) ON A 10MM THICK BALTIC BIRCH PLYWOOD PLATFORM. UV OIL FINISH. WEAR LAYER GLUED TO PLYWOOD WITH EPI ADHESIVE. PLYWOOD VENEERS GLUED TOGETHER WITH PHENOL-FORMALDEHYDE ADHESIVE.

# Health Product Declaration v2.0

created via: HPDC Online Builder

## 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 6 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 type="radio"/>	<input checked="" 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: May 25, 2017	EXPIRY DATE*: May 25, 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](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### PLYWOOD PLATFORM - BALTIC BIRCH

%: 83.0000

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

%: 16.0000

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:

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:

**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.