# Reward Hardwood Flooring - Balboa Collection by Galleher

**Health Product Declaration v2.1**

CLASSIFICATION: 09 64 33 Laminated Wood Flooring

created via: HPDC Online Builder

PRODUCT DESCRIPTION: 1/2" prefinished engineered wood flooring. 2mm thick hardwood wear layer (Red Oak, Maple, Walnut or Hickory) on a 10mm thick Poplar plywood platform. UV urethane finish with aluminum oxide. Wear layer glued to plywood with EPI adhesive. Plywood veneers glued together 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 5 of 5 Materials

**Explanation(s) provided for Residuals/Impurities?**
- (•) Yes ( ) No

*Are All Substances Above the Threshold Indicated:*

**Characterized**
*Percent Weight and Role Provided?*
- (•) Yes ( ) No

**Screened**
*Using Priority Hazard Lists with Results Disclosed?*
- ( ) Yes (•) No

**Identified**
*Name and Identifier Provided?*
- ( ) 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 - DOMESTIC HARDWOOD SPECIES [ MIXED DOMESTIC HARDWOODS NoGS ] WEAR LAYER - RED OAK, MAPLE, WALNUT, HICKORY [ RED OAK, MAPLE, WALNUT, HICKORY NoGS ] UV URETHANE FINISH, BASE COAT AND TOP COAT [ NONHAZARDOUS ACRYLATE POLYMERS NoGS 1,6-HEXANEDIOL DIACRYLATE (1,6-HEXANEDIOL DIACRYLATE) LT-P1 | EYE | SKI | MUL TRIPROPYL GLYCOL DIACRYLATE NoGS METHYL BENZOYLFORMATE (METHYL BENZOYLFORMATE) LT-UNK BENZOPHENONE (BENZOPHENONE) LT-1 | CAN | END ] PHENOLFORMALDEHYDE GLUE [ PHENOL FORMALDEHYDE LT-P1 | RES SODIUM HYDROXIDE LT-P1 | SKI | PHY ] ETHYLENE VINYL ACETATE GLUE [ WATER (WATER) BM-4 ETHYLENE VINYL ACETATE POLYMER (EVA) (ETHYLENE VINYL ACETATE POLYMER (EVA)) LT-UNK CALCIUM CARBONATE (CALCIUM CARBONATE) BM-3 ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL (ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL) LT-UNK VINYL ACETATE (VINYL ACETATE) LT-P1 | CAN | PHY | END | MUL | MAM | GEN ]

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:

The Acrylate Polymers used in our wood flooring finish cannot currently be screened and are considered Special Condition Materials by HPDC. There isn't a single CAS number registered for Acrylate Polymers and neither a GreenScreen score nor associated hazards data for screening is available in the HPD Builder. However, we have confidence that the Acrylate Polymers used are nonhazardous because the finish manufacturer is located in Europe and is subject to the EU REACH regulation which requires that the European Chemicals Agency be notified of the presence of all chemical Substances of Very High Concern. No SVHCs have been reported because none are present. Any hazards associated with the chemicals used in the manufacture of this wood flooring's 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. Any formaldehyde used in this wood flooring's adhesive system emits at extremely low levels and meets the stringent limits set by EPA/CARB.

### 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 content: RFCI FloorScore

#### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?
- ( ) Yes
- (•) No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2017-05-08
PUBLISHED DATE: 2017-08-25
EXPIRY DATE: 2020-05-08

# 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*

## PLYWOOD PLATFORM - DOMESTIC HARDWOOD SPECIES

**%: 84.0000** **HPD URL:**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES:

### MIXED DOMESTIC HARDWOODS

ID: **Undisclosed**

%: **100.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Platform**

| HAZARDS: | AGENCY(IES) WITH WARNINGS: |
|---|---|
| None Found | No warnings found on HPD Priority lists |

SUBSTANCE NOTES:

## WEAR LAYER - RED OAK, MAPLE, WALNUT, HICKORY

**%: 14.0000** **HPD URL:**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES:

### RED OAK, MAPLE, WALNUT, HICKORY

ID: **Undisclosed**

%: **100.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Wear layer**

| HAZARDS: | AGENCY(IES) WITH WARNINGS: |
|---|---|
| None Found | No warnings found on HPD Priority lists |

SUBSTANCE NOTES:

## UV URETHANE FINISH, BASE COAT AND TOP COAT

**%: 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:

## NONHAZARDOUS ACRYLATE POLYMERS

ID: **Undisclosed**

%: **7.0000 - 70.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Finish**

| HAZARDS: | AGENCY(IES) WITH WARNINGS: |
|---|---|
| None Found | No warnings found on HPD Priority lists |

SUBSTANCE NOTES: The Acrylate Polymers used in our wood flooring finish cannot currently be screened and are considered Special Condition Materials by HPDC. There isn't a single CAS number registered for Acrylate Polymers and neither a GreenScreen score nor associated hazards data for screening is available in the HPD Builder. However, we have confidence that the Acrylate Polymers used are nonhazardous because the finish manufacturer is located in Europe and is subject to the EU REACH regulation which requires that the European Chemicals Agency be notified of the presence of all chemical Substances of Very High Concern. No SVHCs have been reported because none are present.

## 1,6-HEXANEDIOL DIACRYLATE (1,6-HEXANEDIOL DIACRYLATE)

ID: **13048-33-4**

%: **4.0000 - 40.0000** GS: **LT-P1** 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 |
| 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:

## TRIPROPYL GLYCOL DIACRYLATE

ID: **47978-66-5**

%: **1.0000 - 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:

## METHYL BENZOYLFORMATE (METHYL BENZOYLFORMATE)

ID: **15206-55-0**

%: **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 (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:

## PHENOLFORMALDEHYDE GLUE

**%: 1.0000 - 2.0000** **HPD URL:**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No known residuals and impurities

OTHER 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:

## ETHYLENE VINYL ACETATE GLUE

**%: 1.0000 - 2.0000** **HPD URL:**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No known residuals and impurities

OTHER MATERIAL NOTES:

### WATER (WATER)

ID: **7732-18-5**

%: **48.0000 - 52.0000** 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:

### ETHYLENE VINYL ACETATE POLYMER (EVA) (ETHYLENE VINYL ACETATE POLYMER (EVA))

ID: **24937-78-8**

%: **22.0000 - 26.0000** 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:

### CALCIUM CARBONATE (CALCIUM CARBONATE)

ID: **471-34-1**

%: **18.0000 - 22.0000** 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:

### ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL (ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL)

ID: **25213-24-5**

%: **4.0000 - 8.0000** 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:

### VINYL ACETATE (VINYL ACETATE)

ID: **108-05-4**

%: **0.0100 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Binder**

| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
|---|---|---|
| CANCER | IARC | Group 2b - Possibly carcinogenic to humans |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H225 - Highly flammable liquid and vapour |
| CANCER | EU - GHS (H-Statements) | H351 - Suspected of causing cancer |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| CANCER | MAK | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| MAMMALIAN | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances |
| GENE MUTATION | New Zealand - GHS | 6.6A - Known or presumed human mutagens |

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 CONTENT

### RFCI FloorScore

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Manufacturing facilities
CERTIFICATE URL:

ISSUE DATE:2016-12-28

EXPIRY DATE:

CERTIFIER OR LAB: Scientific Certification Systems

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

## Section 6: References

### 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 Classi cation 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 Unspeci ed (insu cient 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 produc

**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

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*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.*