

CLASSIFICATION: 09650

PRODUCT DESCRIPTION: 6" x 48" x 2mm thick luxury vinyl plank flooring. 0.3mm thick wear layer with a quartz-enhanced UV coat. 100% virgin vinyl.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
 Basic Method

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?

Threshold Disclosed Per

- Material
 Product

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

BOTTOM LAYER - MERIDIAN [CALCIUM CARBONATE BM-3 POLYVINYL CHLORIDE (PVC) LT-P1 | RES BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3 CALCIUM STEARATE LT-UNK ZINC STEARATE LT-UNK STEARIC ACID, TETRAESTER WITH PENTAERYTHRITOL NoGS POLYETHYLENE LT-UNK PARAFFIN LT-UNK CARBON BLACK LT-1 | CAN] WEAR LAYER - MERIDIAN [POLYVINYL CHLORIDE (PVC) LT-P1 | RES CALCIUM STEARATE LT-UNK ZINC STEARATE LT-UNK METHYL ETHYL KETONE LT-P1 | EYE | END | PHY FORMALDEHYDE, POLYMER WITH CYCLOHEXANONE LT-UNK BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3 BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3] COAT - MERIDIAN [POLYURETHANE FOAMS LT-UNK TRIMETHYLOLPROPANE TRIACRYLATE LT-UNK | RES | SKI | EYE 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | EYE | MUL DIPROPYLENE GLYCOL DIACRYLATE LT-UNK TRIPROPYLENE GLYCOL DIACRYLATE LT-P1 | AQU | SKI | EYE | MUL]

Number of Greenscreen BM-4/BM3 contents ... 4

Contents highest concern GreenScreen
Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

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: 2018-04-23

PUBLISHED DATE: 2018-05-02

EXPIRY DATE: 2021-04-23



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

BOTTOM LAYER - MERIDIAN

%: 86.3000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No known residuals and impurities

OTHER MATERIAL NOTES:

CALCIUM CARBONATE

ID: 471-34-1

%: 47.3400

GS: BM-3

RC: None

NANO: No

ROLE: Filler Hardness

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 36.8200

GS: LT-P1

RC: None

NANO: No

ROLE: Polymer Bond

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 13.1600

GS: BM-3

RC: None

NANO: No

ROLE: Plasticizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CALCIUM STEARATE

ID: 1592-23-0

%: 0.6300	GS: LT-UNK	RC: None	NANO: No	ROLE: High temperature stabilizer
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES:				

ZINC STEARATE

ID: **557-05-1**

%: 0.6300	GS: LT-UNK	RC: None	NANO: No	ROLE: Long term stabilizer
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES:				

STEARIC ACID, TETRAESTER WITH PENTAERYTHRITOL

ID: **115-83-3**

%: 0.4800	GS: NoGS	RC: None	NANO: No	ROLE: Modifier
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES:				

POLYETHYLENE

ID: **9002-88-4**

%: 0.4800	GS: LT-UNK	RC: None	NANO: No	ROLE: External lubricant
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES:				

PARAFFIN

ID: **8002-74-2**

%: 0.3200	GS: LT-UNK	RC: None	NANO: No	ROLE: Modifier
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES:				

CARBON BLACK

ID: **1333-86-4**

%: **0.1600**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Pigment Color**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES:

WEAR LAYER - MERIDIAN

%: **13.2000**

HPD URL:

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **No known residuals and impurities**

OTHER MATERIAL NOTES:

POLYVINYL CHLORIDE (PVC)

ID: **9002-86-2**

%: **79.0500**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Polymer Bond**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

CALCIUM STEARATE

ID: **1592-23-0**

%: **1.2700**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **High temperature stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ZINC STEARATE

ID: **557-05-1**

%: **1.2700**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Long term stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

METHYL ETHYL KETONE

ID: 78-93-3

%: **1.1200** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ink**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES:

FORMALDEHYDE, POLYMER WITH CYCLOHEXANONE

ID: 25054-06-2

%: **0.5200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **dry solution**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: **0.3700** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Plasticizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: **0.3700** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Plasticizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

RESIDUALS AND IMPURITIES NOTES: No known residuals and impurities

OTHER MATERIAL NOTES:

POLYURETHANE FOAMS

ID: 9009-54-5

%: **45.2400** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Abrasion and scratch resistance**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TRIMETHYLOLPROPANE TRIACRYLATE

ID: 15625-89-5

%: **14.2900** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Abrasion and scratch resistance**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

%: **14.2900** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Viscosity control**

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:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

%: **14.2900**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Viscosity control**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TRIPROPYLENE GLYCOL DIACRYLATE

ID: **42978-66-5**

%: **9.5200**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Viscosity control**

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

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

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**

ISSUE DATE: **2017-**

EXPIRY DATE:

CERTIFIER OR LAB: **Scientific**

APPLICABLE FACILITIES: **Factory**

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Certification Systems

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: **9303 Greenleaf Ave.**

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.