Durawood
by Summit International Flooring

Health Product Declaration v2.1

created via: HPDC Online Builder

CLASSIFICATION: 09 60 00 Flooring

PRODUCT DESCRIPTION: DURA WOOD is a great multi-purpose and athletic flooring product perfect for environments that require beautiful wood visuals combined with comfort and safety. The product features a 5mm recycled rubber underlayment and a Polyurethane coating. Because of the single, fusion-bonded recycled rubber underlayment, DURA WOOD provides improved ergonomics and comfort as well as proven sound control.

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 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?

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

RUBBER BACKING [STYRENE BUTADIENE RUBBER (POST-CONSUMER) LT-UNK POLYURETHANE LT-P1 ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK WATER BM-4] VINYL WEAR LAYER [POLYVINYL CHLORIDE (PVC) LT-P1 | RES DIOCTYL TEREPHTHALATE (DOTP) NoGS LIMESTONE; CALCIUM CARBONATE LT-UNK (C4-C13) BRANCHED ALKYL ALCOHOLS, PHTHALIC ANHYDRIDE ESTER NoGS GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) LT-UNK PHOSPHATE NoGS POLYURETHANE LT-P1 ZINC STEARATE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END EPOXIDIZED SOYBEAN OIL LT-UNK CALCIUM SOAPS OF FATTY ACIDS MADE FROM OXIDIZED PETROLATUM NoGS ZINC OXIDE BM-1 | AQU | MUL | RES OCTHILINONE LT-P1 | AQU | MAM | SKI | MUL] ADHESIVE [ETHYLENE VINYL ACETATE POLYMER (EVA) LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

No inventory or screening notes.

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 emissions: RFCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

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

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2018-11-08
PUBLISHED DATE: 2018-11-08
EXPIRY DATE: 2021-11-08

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

RUBBER BACKING

%: 59.0000 - 59.0000 **HPD URL:**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No notes to add.

OTHER MATERIAL NOTES: Product backing

STYRENE BUTADIENE RUBBER (POST-CONSUMER)

ID: 9003-55-8

%: **79.0000 - 79.0000** GS: **LT-UNK** RC: **PostC** NANO: **No** ROLE: **Substrate/primary ingredient for Rubber Backing**

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

SUBSTANCE NOTES: Main component in the backing of this product. Mixed with binder, water and foamed EPDM to form product backing.

POLYURETHANE

ID: 64440-88-6

%: **10.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Binder**

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

SUBSTANCE NOTES: Combined with foamed EPDM, water and recycled rubber to form backing.

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

%: **10.0000 - 10.0000** GS: **LT-UNK** RC: **PreC** NANO: **No** ROLE: **Pliability**

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

SUBSTANCE NOTES: Foamed EPDM. Combined with binder, water, and recycled rubber to form the product backing.

WATER

ID: 7732-18-5

%: 1.0000 - 1.0000 GS: BM-4 RC: None NANO: No ROLE: Catalyst that starts the polyurethane reaction

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

SUBSTANCE NOTES: Combined with Binder, recycled rubber, and foamed EPDM to form product backing

VINYL WEAR LAYER

%: 40.0000 - 40.0000 HPD URL:

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No notes to add.

OTHER MATERIAL NOTES: Product vinyl wear layer

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 55.0000 - 60.0000 GS: LT-P1 RC: None NANO: No ROLE: Binder

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: SPVC Binder. Combined with DOTP Plasticizer, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

DIOCTYL TEREPHTHALATE (DOTP)

ID: 4654-26-6

%: 15.0000 - 24.0000 GS: NoGS RC: None NANO: No ROLE: Plasticiser

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

SUBSTANCE NOTES: DOTP Plasticizer. Combined with SPVC, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 15.0000 - 20.0000 GS: LT-UNK RC: None NANO: No ROLE: Whiting

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

SUBSTANCE NOTES: Combined with SPVC, DOTP Plasticizer, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

(C4-C13) BRANCHED ALKYL ALCOHOLS, PHTHALIC ANHYDRIDE ESTER

ID: 68951-39-3

%: 4.0000 - 5.0000 GS: NoGS RC: None NANO: No ROLE: Coalescent

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

SUBSTANCE NOTES: Combined with SPVC, DOTP Plasticizer, Limestone, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: 65997-17-3

%: 2.5000 - 3.0000 GS: LT-UNK RC: None NANO: No ROLE: Reinforcer

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

SUBSTANCE NOTES: Combined with, SPVC, DOTP Plasticizer, Limestone, Ester Alcohol,Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

PHOSPHATE

ID: 14265-44-2

%: 2.5000 - 3.0000 GS: NoGS RC: None NANO: No ROLE: Fire Retarder

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

SUBSTANCE NOTES: Combined withSPVC, DOTP Plasticizer, Limestone, Ester Alcohol, Fiberglass Mat, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

POLYURETHANE

ID: 64440-88-6

%: 0.9000 - 1.5000 GS: LT-P1 RC: None NANO: No ROLE: Coating

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

SUBSTANCE NOTES: Combined with SPVC, DOTP Plasticizer, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

ZINC STEARATE

ID: 557-05-1

%: 0.6000 - 1.0000 GS: LT-UNK RC: None NANO: No ROLE: Stabilizer

HAZARDS:	AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Combined with SPVC, DOTP Plasticizer, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, and Octhilinone to form vinyl wear layer

TITANIUM DIOXIDE

ID: 13463-67-7

%: **0.5000 - 0.6000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Combined with DOTP Plasticizer, SPVC, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, PUR Acrylic, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

%: **0.2000 - 0.6000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabilizers**

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

SUBSTANCE NOTES: Combined with DOTP Plasticizer, SPVC, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Zinc Oxide, and Octhilinone to form vinyl wear layer

CALCIUM SOAPS OF FATTY ACIDS MADE FROM OXIDIZED PETROLATUM

ID: 68425-34-3

%: **0.2000 - 0.5000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Stabiliser**

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

SUBSTANCE NOTES: Combined with SPVC, DOTP Plasticizer, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, Zinc Oxide, and Octhilinone to form vinyl wear layer

ZINC OXIDE

ID: 1314-13-2

%: **0.2000 - 0.5000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Biocide**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Combined with DOTP Plasticizer, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, SPVC, and Octhilinone to form vinyl wear layer

OCTHILINONE

ID: **26530-20-1**

%: **0.2000 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Biocide**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Combined with DOTP Plasticizer, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Zinc Oxide, and SPVC to form vinyl wear layer

ADHESIVE

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

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No notes to add.

OTHER MATERIAL NOTES: Adhesive to fusion bond the vinyl wear layer to the product backing

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: **24937-78-8**

%: **100.0000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Adhesive**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	

None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Used to fusion bond the rubber backing and the vinyl wear layer.

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 | **RFCI FloorScore**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:

ISSUE DATE: 2017-04-10

EXPIRY DATE: 2017-09-30

CERTIFIER OR LAB: SCS Global Services

CERTIFICATION AND COMPLIANCE NOTES: No 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

No not

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Summit International Flooring**
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Whippany NJ 07981, USA
WEBSITE: **http://www.summit-flooring.com**

CONTACT NAME: **David Numark**
TITLE: **President**
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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
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 (insuficient 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.