Optimum Barrier II Broadloom by Bentley Mills, Inc.

Health Product Declaration v2.3 RIFIED created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 31361

CLASSIFICATION: 09 68 16 Sheet Carpeting

PRODUCT DESCRIPTION: Bentley Premium Nylon tufted face product High-density primary backing improves pattern straightness, dimensional stability; and pattern definition. Moisture barrier with acrylate emulsion polymer laminate system provides a liquid moisture barrier. Includes a 15year warranty for protection against problems associated with edge ravel, delamination, tuft bind, and moisture penetration. High-density woven polypropylene secondary backing increases dimensional stability Optimum Barrier II backing structure contains up to 46% pre-consumer recycled content, Certified NSF 140 Gold minimum and CRI Green Label Plus.

Section 1: Summary

Basic Method / Product Threshold

Yes ○ No.

CONTENT INVENTORY

Inventory Reporting Format C Nested Materials Method

Basic Method

Threshold Disclosed Per

Material Product Threshold Level

C 100 ppm

O Per GHS SDS

Other

Residuals/Impurities Evaluation

Completed

C Partially Completed

O Not Completed

Explanation(s) provided:

Yes O No

For all contents above the threshold, the manufacturer has:

Characterized

Provided weight and role.

Screened Yes ○ No

Provided screening results using HPDC-approved

methods

Identified Yes ○ No

Provided name and CAS RN or other identifier.

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

OPTIMUM BARRIER II BROADLOOM [NYLON 6,6 (NYLON 6,6) LT-UNK POLICAPRAM (PRIMARY CASRN IS 25038-54-4) LT-UNK LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE) BM-3dg ETHYLENEVINYLACETATE COPOLYMER LT-UNK 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE LT-UNK ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2) BM-2 | SKI | EYE POLYPROPYLENE LT-P1 WATER BM-4 TITANIUM DIOXIDE (PRIMARY CASRN IS 13463-67-7) LT-1* | CAN | END | MAM MAGNESIUM CARBONATE BM-3dg CARBON BLACK (PRIMARY CASRN IS 1333-86-4) BM-1* | CAN | EYE | MAM ROSIN, POLYMER WITH PHENOL AND TALL-OIL ROSIN LT-UNK QUARTZ (PRIMARY CASRN IS 14808-60-7/ BM-1* | CAN | MAM | GEN FATTY ACIDS, TALL-OIL, ETHOXYLATED PROPOXYLATED LT-UNK POLYETHYLENE LT-UNK 1-PROPENE TETRAMER-OXYBISBENZENE REACTION PRODUCTS, SULFONATED, SODIUM SALT LT-P1 | MUL]

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Bentley Mills, Inc. has prepared this HPD and assessed to ingredient disclosure level of 1000 ppm. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1000 ppm threshold.

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional

VOC emissions: CRI Green Label Plus - Carpets VOC emissions: CRI Green Label Plus - Carpets Multi-attribute: NSF/ANSI 140-2007e - Gold Other: ILFI Declare - LBC Compliant

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1. Third Party Verified?

Yes O No

PREPARER: Self-Prepared

VERIFICATION #: zPr-12088

SCREENING DATE: 2023-02-05 VERIFIER: WAP Sustainability Consulting PUBLISHED DATE: 2023-02-13 EXPIRY DATE: 2026-02-05

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

OPTIMUM BARRIER II BROADLOOM

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on Best Practice raw material guidance and information provided by our suppliers.

OTHER PRODUCT NOTES: This HPD covers all available colors and styles on this backing composition; regardless of the dye method.

NYLON 6,6 (NYLON 6,6)				ID: 32131-17-2
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-02-05 16:31:59
%: 9.1800 - 40.8500	GreenScreen: LT-UNK	RC: PreC	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warr	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES: Green Circle Certified for recycled content. 6% pre-consumer recycled content derived from scrap/ waste material in the manufacturing process.

POLICAPRAM (PRIMARY CASRN IS 25038-54-4)

ID: 675840-08-1

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-02-05 16:31:59
%: 1.4100 - 40.2000	GreenScreen: LT-UNK	RC: Both	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warr	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES: 100% recycled, with 50% post-consumer and 50% pre-consumer content. Post-consumer waste is derived from old carpets, fishing nets, textile products. Pre-consumer recycled is derived from post-industrial waste and fabric scraps.

LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE)

ID: 1317-65-3

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-02-05 16:32:00
%: 28.5700 - 37.3300	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warn	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No I	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

ETHYLENEVINYLACETAT	TE COPOLYMER			ID: 24937-78-8
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-02-05 16:32:01
%: 10.5500 - 13.2500	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warı	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE

ID: 25036-16-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-02-05 16:32:01
%: 9.2000 - 13.2400	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2)

ID: 8064-00-4

HAZARD DATA SOURCE: F	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-02-09 21:19:52
%: 8.1600 - 11.8500	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation ca	ategory 2
EYE	GHS - New Zealand		Eye irritation cat	tegory 2

LIST NAME AND SOURCE	NOTIFICATION
Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
	Biological and Environmentally Released Materials
Cradle to Cradle Products Innovation	C2C Certified v4 Product Standard Restricted
Institute (C2CPII)	Substances List (RSL) - Effective July 1, 2022 Children's Products
	Cradle to Cradle Products Innovation Institute (C2CPII)

SUBSTANCE NOTES:

POLYPROPYLENE				ID: 9003-07-0
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DA	TE: 2023-02-05 16:32:00
%: 5.6100 - 6.5700	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	DN
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

WATER					ID: 7732-18-
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-02-09 21:19:54	
%: 2.0000 - 3.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE	: Diluent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warr	nings found on HPD Prior	ity Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
EXEMPT	European Union / European Con (EU EC)	nmission	EU - REACH Exe	emptions	
	(20 20)		Exempted from safety	REACH Annex IV listing d	ue to intrinsic
SUBSTANCE NOTES:					

ITTANIUM DIOXIDE (PRIM	MARY CASRN IS 13463-67-7)				ID: 946525-05-9
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCF	REENING DATE:	2023-02-09 21:19:36	
%: 0.0000 - 2.0400	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE	: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor**
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
		Colorants - Green Circle (Verified Low Concern)

SUBSTANCE NOTES: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

MAGNESIUM CARBONAT	ΓE			ID: 546-93-0
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-02-05 16:32:02
%: Impurity/Residual	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-02-05 16:32:03
%: 0.0000 - 0.9000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	US CDC - Occupational Carcino	gens	Occupational Ca	rcinogen**
CAN	MAK		•	up 3B - Evidence of carcinogenic effects t for classification**
CAN	CA EPA - Prop 65		Carcinogen - speroute**	ecific to chemical form or exposure
CAN	IARC		Group 2B - Poss from occupation	sibly carcinogenic to humans - inhaled al sources**
EYE	GHS - New Zealand		Eye irritation cate	egory 2**
CAN	GHS - New Zealand		Carcinogenicity	category 2**
CAN	GHS - Japan		H351 - Suspecte Category 2]**	ed of causing cancer [Carcinogenicity -
MAM	GHS - Japan		repeated exposu	lamage to organs through prolonged or ure [Specific target organs/systemic grepeated exposure - Category 1]**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No I	listings found on Additional Hazard Lists

SUBSTANCE NOTES: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

ROSIN, POLYMER WITH PHENOL AND TALL-OIL ROSIN

ID: 68648-57-7

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-02-05 16:32:03
%: 0.8000 - 0.8200	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warı	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

QUARTZ (PRIMARY CASRN IS 14808-60-7)

ID: 87347-84-0

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCI	REENING DATE:	2023-02-05 16:32:04
%: Impurity/Residual	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)**
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man**
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**
CAN	IARC	Group 1 - Agent is Carcinogenic to humans**
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]**
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**
CAN	GHS - New Zealand	Carcinogenicity category 1**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

FATTY ACIDS, TALL-OIL, ETHOXYLATED PROPOXYLATED

ID: 67784-86-5

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-02-05 16:32:05
%: 0.1000 - 0.3400	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warr	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

POLYETHYLENE ID: 9002-88-4

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DA	TE: 2023-02-05 16:32:05
%: 0.0000 - 0.2000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	DN
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

1-PROPENE TETRAMER-OXYBISBENZENE REACTION PRODUCTS, SULFONATED, SODIUM SALT

ID: 119345-04-9

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2023-02-05 16:32:03
%: 0.0970 - 0.1400	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Emulsifier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Haza Waters	rdous to	Class 2 - Hazard	d to Waters
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
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	CRI Green Label Plus - Carpets

CERTIFYING PARTY: Third Party ISSUE DATE: 2009-05-01 CERTIFIER OR LAB: CRI (Green

APPLICABLE FACILITIES: 14641 Don Julian Rd City of EXPIRY DATE: 2023-03-31 Label Plus)

Industry CA US 91746

CERTIFICATE URL: https://services.carpet-

rug.org/api/GLPCertificate/5764

CERTIFICATION AND COMPLIANCE NOTES: For 39X Pre-dyed Nylon with Acrylate Copolymer Backing (GLP5764); ANSI Certification # 0754. This

product complies with California DPH Section 01350 Versions 1.1 and 1.2 Private Office Scenario.

VOC EMISSIONS CRI Green Label Plus - Carpets

CERTIFYING PARTY: Third Party ISSUE DATE: 2009-05-01 CERTIFIER OR LAB: CRI (Green

APPLICABLE FACILITIES: 14641 Don Julian Rd City of EXPIRY DATE: 2023-03-31 Label Plus)

Industry CA US 91746

CERTIFICATE URL: https://services.carpet-

rug.org/api/GLPCertificate/7491

CERTIFICATION AND COMPLIANCE NOTES: For 17Y Post-dyed Nylon with Acrylate Copolymer Backing (GLP7491); ANSI Certification #0754. This

product complies with California DPH Section 01350 Versions 1.1 and 1.2 Private Office Scenario

MULTI-ATTRIBUTE NSF/ANSI 140-2007e - Gold

CERTIFYING PARTY: Third Party ISSUE DATE: 2014-01-23 CERTIFIER OR LAB: NSF

APPLICABLE FACILITIES: 14641 E. Don Julian Road. City EXPIRY DATE: 2023-12-31 Certification, LLC

of Industry, CA 91746 CERTIFICATE URL:

https://www.bentleymills.com/sustainability/transparency-

product-certification/

CERTIFICATION AND COMPLIANCE NOTES: CERTIFICATION #C0002413-106 covers all patterns and colors of carpet products on High

PerformancePC broadloom backing.

OTHER ILFI Declare - LBC Compliant

CERTIFYING PARTY: Third Party ISSUE DATE: 2017-04-30 CERTIFIER OR LAB: ILFI

APPLICABLE FACILITIES: 14641 Don Julian Rd City of EXPIRY DATE: 2022-12-01

Industry CA US 91746 CERTIFICATE URL:

https://www.bentleymills.com/sustainability/transparency-

product-certification/

CERTIFICATION AND COMPLIANCE NOTES: Optimum Barrier II Broadloom - Red List Approved

LCA Environmental Product Declaration (EPD) by SCS

APPLICABLE FACILITIES: 14641 E. Don Julian Road. City EXPIRY DATE: 2027-03-06

of Industry, CA 91746 CERTIFICATE URL:

CERTIFYING PARTY: Third Party

https://www.bentleymills.com/sustainability/transparency-

product-certification/

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2022-03-07 CERTIFIER OR LAB: SCS Global

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.

HEALTHBOND 1000

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD available ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Bentley Mills, Inc. recommends using adhesive to aid in the proper installation of Optimum Barrier II Broadloom products and to ensure the product warranty.



Section 5: General Notes

Beauty. Service. Quality. Partnership. For over 30 years, these tenants have driven Bentley™ - California's largest carpet design and manufacturing corporation. Our award-winning broadloom, carpet tile and area rug products exude high performance and have earned superior Texture Appearance Retention Ratings (TARR), Cradle to Cradle Certified™, Green Label Plus certification and NSF-140 certifications. Bentley manufactures in a LEED for Existing Buildings Gold Certified facility and is a multi-year recipient of the GSA Evergreen Award. This product makes the claim that it is Living Building Challenge Red List Approved for both COLORCAST™ and Solution dyed carpet products.

MANUFACTURER INFORMATION

MANUFACTURER: Bentley Mills, Inc.

ADDRESS: 14641 Don Julian Rd
City of Industry CA 91746, United States

WEBSITE: 14641 Don Julian Rd

CONTACT NAME: Emily Chu

TITLE: Sustainability and Environmental Manager

PHONE: 6269342005

EMAIL: emily.chu@bentleymills.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

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 (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown

NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content

PostC Post-consumer recycled content

UNK Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.