

HPD UNIQUE IDENTIFIER: 31368

CLASSIFICATION: 09 68 00 Carpeting

PRODUCT DESCRIPTION: Bentley Premium nylon tufted face product. Non-woven primary stabilizer with up to 25% recycled content and enhanced dimensional stability. High performance pre-coat increases yarn bundle encapsulation and tuft lock providing clean edges. Thermoplastic adhesive contains up to 65% recycled content. Includes a 15-year warranty for problems associated with with edge ravel, delamination, and tuft bind. Bonding stabilizer adds dimensional stability and optimizes bond between tile backing and adhesive. Backing structure contains up to 44% pre-consumer and 15% post-consumer recycled content. Certified Cradle to Cradle Silver, NSF®140 Gold minimum, and CRI Green Label Plus.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
Format	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Completed	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Completed	Provided weight and role.
<input checked="" type="radio"/> Basic Method	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Completed	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
Threshold Disclosed Per	<input type="radio"/> Other	Explanation(s) provided :	Provided screening results using HPDC-approved methods.
<input type="radio"/> Material		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Product			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

AFIRMA™ HARDBACK TILE, AFIRMA II™ HARDBACK TILE, ELITEFLEX BROADLOOM | LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE) BM-3dg NYLON 6,6 (NYLON 6,6) LT-UNK POLICAPRAM (PRIMARY CASRN IS 25038-54-4) LT-UNK ETHYLENE VINYL ACETATE POLYMER (EVA) LT-UNK POLYETHYLENE TEREPHTHALATE (PET) LT-P1 2-PROPENOIC ACID, METHYL ESTER, POLYMER WITH ETHENE LT-UNK ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE) BM-2 | SKI | EYE POLYETHYLENE (POLYETHYLENE) LT-UNK WATER (WATER) BM-4 TITANIUM DIOXIDE (PRIMARY CASRN IS 13463-67-7) LT-1* | CAN | END | MAM ROSIN, POLYMER WITH PHENOL AND TALL-OIL ROSIN LT-UNK CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK POLYCARBOXYLIC ACID, SODIUM SALT NoGS CARBON BLACK BM-1* | CAN | EYE | MAM QUARTZ BM-1* | CAN | MAM | GEN DODECYL ALCOHOL, ETHOXYLATED (PRIMARY CASRN IS 9002-92-0) LT-P1 | MUL | SKI | EYE MAGNESIUM CARBONATE (PRIMARY CASRN IS 546-93-0) BM-3dg FATTY ACIDS, TALL-OIL, ETHOXYLATED PROPOXYLATED LT-UNK FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH 1,3-BUTANEDIOL NoGS

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 1,000 ppm. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 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 listings.

VOC emissions: CRI Green Label Plus - Carpets

VOC emissions: CRI Green Label Plus - Carpets

Multi-attribute: Cradle to Cradle Certified - Silver (V3.1)
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
☐ No

PREPARER: Self-Prepared
VERIFIER: WAP Sustainability Consulting
VERIFICATION #: zPr-3648

SCREENING DATE: 2023-02-13
PUBLISHED DATE: 2023-02-13
EXPIRY DATE: 2026-02-13

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

AFIRMA™ HARDBACK TILE, AFIRMA II™ HARDBACK TILE, ELITEFLEX 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.	

LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE) ID: 1317-65-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:44		
%: 30.0200 - 42.3000	GreenScreen: BM-3dg	RC: Both	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: 24% pre-consumer content is derived from waste material during mining process by supplier. 20.8% post-consumer content derived from roads/highways.				

NYLON 6,6 (NYLON 6,6) ID: 32131-17-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:45		
%: 11.3300 - 41.4300	GreenScreen: LT-UNK	RC: PreC	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings 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 SCREENING DATE: 2023-02-13 21:18:45		
%: 1.7400 - 40.7700	GreenScreen: LT-UNK	RC: Both	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings 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.				

ETHYLENE VINYL ACETATE POLYMER (EVA)					ID: 24937-78-8
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-02-13 21:18:46		
%: 12.4700 - 20.2900	GreenScreen: LT-UNK	RC: PreC	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS			
None found		No warnings found on HPD Priority Hazard Lists			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION			
None found		No listings found on Additional Hazard Lists			
SUBSTANCE NOTES: 56% Pre-consumer recycled content is derived from waste material during the manufacturing process of this ingredient.					

POLYETHYLENE TEREPHTHALATE (PET)					ID: 25038-59-9
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-02-13 21:18:47		
%: 8.5800 - 10.7100	GreenScreen: LT-P1		RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings 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, METHYL ESTER, POLYMER WITH ETHENE				ID: 25103-74-6
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:47		
%: 5.0500 - 6.6900	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings 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 (ALUMINA TRIHYDRATE)

ID: 21645-51-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:47		
%: 2.7100 - 4.8000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation category 2	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Biological and Environmentally Released Materials		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Children's Products		
SUBSTANCE NOTES:				

POLYETHYLENE (POLYETHYLENE)

ID: 9002-88-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:48		
%: 2.5300 - 3.3500	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

WATER (WATER)

ID: 7732-18-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:49		
%: 2.0000 - 3.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Diluent

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety
SUBSTANCE NOTES:		

TITANIUM DIOXIDE (PRIMARY CASRN IS 13463-67-7)
ID: 946525-05-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:49		
%: 0.0000 - 2.9500	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 (C2CP II)	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.

ROSIN, POLYMER WITH PHENOL AND TALL-OIL ROSIN

ID: 68648-57-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:47		
%: 0.9500 - 1.2600	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:48		
?: 0.6600 - 0.9500	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

POLYCARBOXYLIC ACID, SODIUM SALT

ID: 62601-60-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:49		
%: 0.7300 - 0.8600	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:49		
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%: 0.0000 - 0.8300		GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
CAN		US CDC - Occupational Carcinogens		Occupational Carcinogen**	
CAN		MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**	
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**	
EYE		GHS - New Zealand		Eye irritation category 2**	
CAN		GHS - New Zealand		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]**	
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.

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:50			
%: 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.

DODECYL ALCOHOL, ETHOXYLATED (PRIMARY CASRN IS 9002-92-0)
ID: 6540-99-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:50		
%: 0.3000 - 0.5300	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
EYE	GHS - New Zealand	Serious eye damage category 1		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
SUBSTANCE NOTES:		

MAGNESIUM CARBONATE (PRIMARY CASRN IS 546-93-0)
ID: 364320-47-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:50		
%: Impurity/Residual	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

FATTY ACIDS, TALL-OIL, ETHOXYLATED PROPOXYLATED
ID: 67784-86-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:51		
%: 0.0800 - 0.2900	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH 1,3-BUTANEDIOL
ID: 113669-95-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-02-13 21:18:51		
%: 0.0750 - 0.1200	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

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: 2013-05-24	CERTIFIER OR LAB: CRI (Green Label Plus)
APPLICABLE FACILITIES: 14641 Don Julian Rd City of Industry CA US 91746		EXPIRY DATE: 2023-09-30	
CERTIFICATE URL: https://www.bentleymills.com/sustainability/transparency-product-certification/			
CERTIFICATION AND COMPLIANCE NOTES: For 6Y Postdyed Nylon with Amorphous Resin Backing. Certificate number: GLP8866. Conformance: Product complies with CDPH Section 01350 Versions 1.1 and 1.2, Private Office Scenario.			
VOC EMISSIONS		CRI Green Label Plus - Carpets	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2013-05-24	CERTIFIER OR LAB: CRI (Green Label Plus)
APPLICABLE FACILITIES: 14641 Don Julian Rd City of Industry CA US 91746		EXPIRY DATE: 2023-09-30	
CERTIFICATE URL: https://www.bentleymills.com/sustainability/transparency-product-certification/			
CERTIFICATION AND COMPLIANCE NOTES: 14X Predyed Nylon with Amorphous Resin Backing. Certification Number: GLP1853. Conformance: Product complies with CDPH Section 01350 Versions 1.1 and 1.2, Private Office Scenario.			
MULTI-ATTRIBUTE		Cradle to Cradle Certified - Silver (V3.1)	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2020-08-18	CERTIFIER OR LAB: MBDC
APPLICABLE FACILITIES: All facilities.		EXPIRY DATE: 2023-05-14	
CERTIFICATE URL: https://www.bentleymills.com/sustainability/transparency-product-certification/			
CERTIFICATION AND COMPLIANCE NOTES: Certification number: 3433. Product conforms to Cradle 2 Cradle Silver criteria, includes material health, material reutilization, renewable energy and carbon management, water stewardship, social fairness.			
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 Industry CA US 91746		EXPIRY DATE: 2024-01-01	
CERTIFICATE URL: https://www.bentleymills.com/sustainability/transparency-product-certification/			
CERTIFICATION AND COMPLIANCE NOTES: AFIRMA™ Hardback Tile - Red List Approved			
MULTI-ATTRIBUTE		NSF/ANSI 140-2015 Sustainability Assessment for Carpet Standard - Gold	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2017-11-22	CERTIFIER OR LAB: NSF
APPLICABLE FACILITIES: 14641 E. Don Julian Road. City of Industry, CA 91746		EXPIRY DATE: 2023-12-31	Certification, LLC
CERTIFICATE URL: https://www.bentleymills.com/sustainability/transparency-product-certification/			
CERTIFICATION AND COMPLIANCE NOTES: Certification #C0002413-115 at the Gold level covers all solution dyed and COLORCAST™ dyed carpet product variations on AFIRMA™ Hardback Tile.			
LCA		Environmental Product Declaration (EPD) by SCS	

+ 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.

HEALTHBOND 2300 ULTRA ADHESIVE

MANUFACTURER (OR GENERIC): Taylor Adhesives

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 AFIRMA™ Hardback Tile products and to ensure the product warranty.

E 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 California 91746, United States
WEBSITE: <http://www.bentleymills.com>

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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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

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.