



HPD UNIQUE IDENTIFIER: 102397422592
CLASSIFICATION: 09 65 19.23 Vinyl Tile Flooring
PRODUCT DESCRIPTION: Harbinger Acoustic Click CompositeCore is made with a waterproof cork underlay with patented Valinge 5G premium locking system. Installation couldn't be easier. Harbinger provides a twenty-year commercial warranty, and limited lifetime residential warranty on its regular (first quality) luxury vinyl tiles.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

HARBINGER CLICK COMPOSITECORE WITH CORK BACKING (7.5MM) [CALCIUM CARBONATE BM-3 EYE POLYVINYL CHLORIDE LT-P1 MAM CORK BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg SODIUM BICARBONATE LT-P1 END 2,2'-AZOBIS(2,4-DIMETHYLVALERONITRILE) LT-P1 MUL 1,1'-AZOBIS(FORMAMIDE) LT-UNK PHY | RES PROPANOL, [(1-METHYL-1,2-ETHANEDIYL)BIS(OXY)]BIS-, POLYMER WITH 1,1'-METHYLENEBIS[ISOCYANATOBENZENE] AND OXYBIS[PROPANOL] LT-P1 SKI | EYE | MAM ZINC STEARATE LT-UNK AQU FATTY ACIDS, C14-18 AND C16-18-UNSATD., CALCIUM SALTS NoGS CALCIUM STEARATE LT-UNK MAGNESIUM ALUMINUM HYDROXIDE CARBONATE LT-P1 STEARIC ACID LT-P1 END POLYETHYLENE LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 2
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No
INVENTORY AND SCREENING NOTES:
Special Conditions applied: [BiologicalMaterial]

Bay Resource Group worked with a HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

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: CDPH Standard Method - Not tested

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: ToxServices LLC	SCREENING DATE: 2024-04-21
☒ Yes	VERIFIER: SCS Global Services	PUBLISHED DATE: 2025-07-31
☐ No	VERIFICATION #: qGE-5979	EXPIRY DATE: 2027-04-21

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

HARBINGER CLICK COMPOSITECORE WITH CORK BACKING (7.5MM)

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Bay Resource Group worked with a HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

OTHER PRODUCT NOTES:

CALCIUM CARBONATE

ID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:51	
%: 48.3858 - 48.3877	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	

SUBSTANCE NOTES: The GreenScreen® Benchmark assessment score of BM-3 was provided through the HPD 2.3 Builder Tool.

POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:51		
%: 31.5157 - 31.5184	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
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
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Core Restrictions
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 Red List substances to avoid in Living Building Challenge V4.0 projects
SUBSTANCE NOTES:		

CORK		ID: Biological Material		
HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 6.4971 - 6.4972	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Tree-based materials				
INGREDIENT DESCRIPTION: Quercus suber bark				
MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.				

BIS(2-ETHYLHEXYL) TEREPHTHALATE		ID: 6422-86-2		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-04-21 17:54:51		
%: 6.0205 - 6.0207	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Some Solvents		

SODIUM BICARBONATE

ID: 144-55-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:51		
Ⓜ: 2.7859 - 2.7860	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Blowing agent	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:					

2,2'-AZOBIS(2,4-DIMETHYLVALERONITRILE)

ID: 4419-11-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:52		
%: 1.4105 - 1.4105	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Blowing agent	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:					

1,1'-AZOBIS(FORMAMIDE)

ID: 123-77-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:52	
%: 1.3754 - 1.3754	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Defoamer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PHY	GHS - New Zealand		Flammable solids category 1	
PHY	GHS - Japan		H225 - Highly flammable liquid and vapour [Flammable solids - Category 1]	
RES	EU - SVHC List		Equivalent Concern - Candidate List: Respiratory sensitizing	
RES	EU - SVHC List		Equivalent Concern - Prioritization List: Respiratory sensitizing	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

PROPANOL, [(1-METHYL-1,2-ETHANEDIYL)BIS(OXY)]BIS-,
POLYMER WITH 1,1'-METHYLENEBIS[ISOCYANATOBENZENE]
AND OXYBIS[PROPANOL]

ID: 68092-58-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:52	
%: 0.8860 - 0.8860	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - Australia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
EYE	GHS - Australia		H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]	
MAM	GHS - Australia		H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

ZINC STEARATE

ID: 557-05-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:52	
%: 0.6008 - 0.6021	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - acute category 1	
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	
			Biological and Environmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Children's Products	
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:52	
#: 0.3168 - 0.3168	GreenScreen: NoGS	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:				

CALCIUM STEARATE

ID: 1592-23-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:53	
#: 0.3004 - 0.3011	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
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:				

MAGNESIUM ALUMINUM HYDROXIDE CARBONATE

ID: 11097-59-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:52	
%: 0.2253 - 0.2258	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
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		
		Biological and Environmentally Released Materials		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Children's Products		
SUBSTANCE NOTES:				

STEARIC ACID				ID: 57-11-4	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-04-21 17:54:53		
%: 0.1502 - 0.1505	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
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 SCREENING DATE: 2024-04-21 17:54:53		
%: 0.1502 - 0.1505	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer	
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:					

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	CDPH Standard Method - Not tested	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2023-04-24 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: Not Applicable.	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Products not tested for VOC emissions or VOC content.		

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

Bay Resource Group worked with a HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

MANUFACTURER INFORMATION

MANUFACTURER: **Bay Resource Group**
ADDRESS: **Unit #173 - 11280 Twigg Place**
Richmond, British Columbia V6V 0A6
COUNTRY: **Canada**

WEBSITE: **www.harbingerfloors.com**
CONTACT NAME: **Jaclyn Louie**
TITLE: **Architect and Design Representative**
PHONE: **604-324-8819**
EMAIL: **info@bayresourcegroup.ca**

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

