MIPOLAM ELEGANCE by Gerflor USA

Health Product Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 32070

CLASSIFICATION: 09 65 00 Resilient Flooring

PRODUCT DESCRIPTION: Mipolam Elegance is a 0.08" (2 mm) thick monolayer homogeneous vinyl flooring, available in 6'6" wide sheets. The non-directional design available in 28 tone-on-tone colors coordinate with Gerflor's Mipolam Accord design, and our Evercare[™] surface treatment ensures durability with no-wax for life

Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Threshold Level **Residuals/Impurities Evaluation** For all contents above the threshold, the manufacturer has: Format Characterized • Yes O No C 100 ppm C Completed C Nested Materials Method ⊙ 1,000 ppm C Partially Completed Provided weight and role. Basic Method
 O Per GHS SDS Not Completed Screened ⊙ Yes ○ No C Other Provided screening results using HPDC-approved **Threshold Disclosed Per** Explanation(s) provided : methods. • Yes O No O Material Identified ○ Yes ⊙ No • Product Provided name and CAS RN or other identifier.

CONTENT IN DESCENDING ORDER OF QUANTITY

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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

MIPOLAM ELEGANCE [POLYVINYL CHLORIDE LT-P1 | MAM LIMESTONE BM-3dg UNDISCLOSED BM-2 ZINC BENZOATE LT-P1 | MUL TRICYCLODECANEDIMETHANOL (1,5)-DIACRYLATE NoGS TITANIUM DIOXIDE LT-1 | CAN | END | MAM FERRIC OXIDE, YELLOW LT-UNK CARBON BLACK (PRIMARY CASRN IS 1333-86-4) BM-1 | CAN | EYE | MAM] Number of Greenscreen BM-4/BM3 contents ... 1

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

No notes required

CERTIFICATIONS AND COMPLIANCE	See	Section	3 for	additional
listinas,				

VOC emissions: RFCI FloorScore VOC emissions: Emission Classification of Building Materials - M1 LCA: Lifecycle Analysis Other: REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2023-03-30
© Yes	VERIFIER:	PUBLISHED DATE: 2023-04-04
⊙ No	VERIFICATION #:	EXPIRY DATE: 2026-03-30

Basic Method / Product Threshold

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

RODUCT THRESHOLD: 100	0 ppm RESIDUALS AND	IMPURITIES	EVALUATION CON	MPLETED: No
SIDUALS AND IMPURITIE	S NOTES: no residuals or impurities are e	xpected to be	e present in the pro	oduct at or above the reporting thresho
THER PRODUCT NOTES: V 99.9% of our product com	Ve certify we have evaluated and disclose position	d all known c	omponents up	
POLYVINYL CHLORIDE				ID: 9002-86
AZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-03-30 9:24:36
%: 43.0000 - 47.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
МАМ	GHS - Japan		repeated exposu	damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautic	onary List
			Precautionary lis avoidance	st of substances recommended for
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ation		Product Standard Restricted (RSL) - Effective July 1, 2022
			Core Restriction	S
RESTRICTED LIST	International Living Future Institu	ute (ILFI)		Challenge 4.0 - Red List of Materials & ective April 1, 2022
			Red List substar Challenge V4.0 p	nces to avoid in Living Building projects

LIMESTONE				ID: 1317-65-	-3
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCI	REENING DATE:	2023-03-30 9:24:37	
%: 34.0000 - 38.0000	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Filler	

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:				
UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-03-30 9:24:37
%: 16.0000 - 20.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
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	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautic	onary List
			Dueseutienenslie	st of substances recommended for
			avoidance	st of substances recommended for
SUBSTANCE NOTES: T	nis plasticiser (DINCH) is REACH compliant			
SUBSTANCE NOTES: T	nis plasticiser (DINCH) is REACH compliant			
SUBSTANCE NOTES: T	nis plasticiser (DINCH) is REACH compliant			
SUBSTANCE NOTES: TH	nis plasticiser (DINCH) is REACH compliant			ID: 553-72-0
ZINC BENZOATE	nis plasticiser (DINCH) is REACH compliant Pharos Chemical and Materials Library		avoidance	ID: 553-72-0
ZINC BENZOATE			avoidance	ID: 553-72-0
ZINC BENZOATE HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	avoidance	ID: 553-72-0 2023-03-30 9:24:38
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000	Pharos Chemical and Materials Library GreenScreen: LT-P1	HAZARD SO RC: None	avoidance CREENING DATE: NANO: No	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza	HAZARD SO RC: None	avoidance CREENING DATE: NANO: No WARNINGS	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE MUL	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza Waters	HAZARD SO RC: None	avoidance CREENING DATE: NANO: No WARNINGS Class 2 - Hazaro NOTIFICATION	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza Waters	HAZARD SO RC: None	avoidance CREENING DATE: NANO: No WARNINGS Class 2 - Hazaro NOTIFICATION No	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza Waters LIST NAME AND SOURCE	HAZARD SO RC: None	avoidance CREENING DATE: NANO: No WARNINGS Class 2 - Hazaro NOTIFICATION No	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: GI	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza Waters LIST NAME AND SOURCE ERFLOR uses a mix of Calcium and Zinc. N	HAZARD SO RC: None	avoidance CREENING DATE: NANO: No WARNINGS Class 2 - Hazaro NOTIFICATION No	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: GI	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza Waters LIST NAME AND SOURCE ERFLOR uses a mix of Calcium and Zinc. N	HAZARD SO RC: None	avoidance CREENING DATE: NANO: No WARNINGS Class 2 - Hazaro NOTIFICATION No als	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer I to Waters listings found on Additional Hazard Lists ID: 100781-28-0
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: GI	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza Waters LIST NAME AND SOURCE ERFLOR uses a mix of Calcium and Zinc. N THANOL (1,5)-DIACRYLATE Pharos Chemical and Materials Library	HAZARD SO RC: None ardous to	avoidance CREENING DATE: NANO: No WARNINGS Class 2 - Hazaro NOTIFICATION No als	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer I to Waters listings found on Additional Hazard Lists ID: 100781-28-0 2023-03-30 9:24:39
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: GI	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza Waters LIST NAME AND SOURCE ERFLOR uses a mix of Calcium and Zinc. N	HAZARD SO RC: None	avoidance CREENING DATE: NANO: No WARNINGS Class 2 - Hazaro NOTIFICATION No als	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer I to Waters listings found on Additional Hazard Lists ID: 100781-28-0
ZINC BENZOATE HAZARD DATA SOURCE: %: 3.0000 - 7.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: GI	Pharos Chemical and Materials Library GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haza Waters LIST NAME AND SOURCE ERFLOR uses a mix of Calcium and Zinc. N THANOL (1,5)-DIACRYLATE Pharos Chemical and Materials Library	HAZARD SO RC: None ardous to	avoidance CREENING DATE: NANO: No WARNINGS Class 2 - Hazaro NOTIFICATION No als	ID: 553-72-0 2023-03-30 9:24:38 SUBSTANCE ROLE: Stabilizer I to Waters IIstings found on Additional Hazard Lists ID: 100781-28-0 2023-03-30 9:24:39

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: the EVERCARE surface treatment is based on double UV and laser crosslinked polyurethane ZINC

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2023-03-30 9:24:39
%: 2.0000 - 4.0000	GreenScreen: LT-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	CA EPA - Prop 65		Carcinogen - spe route	ecific to chemical form or exposure
CAN	IARC		Group 2B - Poss from occupation	ibly carcinogenic to humans - inhaled al sources
CAN	МАК		-	up 3A - Evidence of carcinogenic effects to establish MAK/BAT value
END	TEDX - Potential Endocrine Disr	uptors	Potential Endocr	ine Disruptor
CAN	МАК		Carcinogen Grou Iow risk under M	ıp 4 - Non-genotoxic carcinogen with AK/BAT levels
CAN	EU - GHS (H-Statements) Annex	6 Table 3-1	H351 - Suspecte Category 2]	d of causing cancer [Carcinogenicity -
CAN	GHS - Japan		H351 - Suspecte Category 2]	d of causing cancer [Carcinogenicity -
MAM	GHS - Japan		repeated exposu	amage to organs through prolonged or re [Specific target organs/systemic repeated exposure - Category 1]
CAN	EU - Annex VI CMRs		Carcinogen Cate	gory 2 - Suspected human Carcinogen
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ation		Product Standard Restricted (RSL) - Effective July 1, 2022
			Formulated Cons	sumer Products
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ation		Product Standard Restricted (RSL) - Effective July 1, 2022
			Cosmetics & Per	sonal Care Products
POSITIVE LIST	US Environmental Protection Ag	ency (US	US EPA - DfE Sa	fer Chemicals Ingredients list (SCIL)
	EPA)		Colorants - Gree	n Circle (Verified Low Concern)

No listings found on Additional Hazard Lists

FERRIC OXIDE, YELLOW				ID: 51274-00-1
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SC	CREENING DATE:	2023-03-30 9:24:40
%: 0.0000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
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

SUBSTANCE NOTES:

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE: 2	2023-03-30 9:24:41	
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	US CDC - Occupational Carcino	US CDC - Occupational Carcinogens		cinogen	
CAN	МАК		Carcinogen Group but not sufficient f	93B - Evidence of carcinogenic effects for classification	
CAN	CA EPA - Prop 65		Carcinogen - spec route	ific to chemical form or exposure	
CAN	IARC	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
EYE	GHS - New Zealand		Eye irritation cate	gory 2	
CAN	GHS - New Zealand		Carcinogenicity ca	ategory 2	
CAN	GHS - Japan		H351 - Suspected Category 2]	of causing cancer [Carcinogenicity -	
MAM	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic repeated exposure - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		

SUBSTANCE NOTES: The substance is encapsulated in floor covering and not present in airborne or unbound particles of respirable size.

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: GERFLOR St Paul FRANCE CERTIFICATE URL: https://www.scsglobalservices.com/certified- greenproducts CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2023-02-01 EXPIRY DATE: 2024-01-31	CERTIFIER OR LAB: SCS Global Services
VOC EMISSIONS	Emission Classification of Building Materials -	М1
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: GERFLOR St Paul FRANCE CERTIFICATE URL: https://cer.rts.fi/rakennusmateriaalien-paastoluokitusm1 CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2021-03-19 EXPIRY DATE: 2023-11-04	CERTIFIER OR LAB: Rakennustieto
LCA	Lifecycle Analysis	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: GERFLOR St Paul FRANCE CERTIFICATE URL: https://www.gerflorusa.com/media/17-usa-website CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2022-06-01 EXPIRY DATE: 2027-06-01	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: GERFLOR St Paul FRANCE CERTIFICATE URL: https://www.gerflorusa.com/media/17-usa-website		2006 concerning the Registration,

😑 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.

GERFIX TPS+

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD Available

ACCESSORY TYPE: Adhesive CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Standard recommended adhesive used for installation.

GERFIX SPRAY

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD Available

ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Spray adhesive for installation.

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD Available

ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Use for high moisture installations up to 100% RH.

Section 5: General Notes

MANUFACTURER INFORMATION

MANUFACTURER: Gerflor USA ADDRESS: 750 Veterans Parkway Bolingbrook Illinois 60440, United States WEBSITE: www.gerflorusa.com

CONTACT NAME: Joel McCausland TITLE: Director PHONE: 8017066071 EMAIL: joel.mccausland@gerflor.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

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.

BM-4 Benchmark 4 (prefer-safer chemical)

GreenScreen (GS)

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)

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.