

HPD UNIQUE IDENTIFIER: 28181

CLASSIFICATION: 09 65 00 Resilient Flooring

PRODUCT DESCRIPTION: Homogeneous resilient vinyl flooring made with a non hazardous plasticiser. It features the Evercare technology, providing thick even surface treatment sealing the product and providing a no wax very easy maintenance reducing the use of water and harsh chemicals during lifetime of the product. hard wearing, it has a long life expectancy of over 20 years and is 100% recyclable at the end of life

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format ☐ Nested Materials Method ☒ Basic Method	Threshold Level ☐ 100 ppm ☒ 1,000 ppm ☐ Per GHS SDS ☐ Other	Residuals/Impurities ☐ Considered ☐ Partially Considered ☒ Not Considered Explanation(s) provided for Residuals/Impurities? ☒ Yes ☐ No	<i>All Substances Above the Threshold Indicated Are:</i> Characterized ☐ Yes Ex/SC ☒ Yes ☐ No <i>% weight and role provided for all substances.</i> Screened ☐ Yes Ex/SC ☒ Yes ☐ No <i>All substances screened using Priority Hazard Lists with results disclosed.</i> Identified ☐ Yes Ex/SC ☒ Yes ☐ No <i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>
Threshold Disclosed Per ☐ Material ☒ Product			

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

MIPOLAM EL5 | POLYVINYL CHLORIDE (PVC) (PRIMARY CASRN IS 9002-86-2) LT-P1 | RES LIMESTONE (LIMESTONE) BM-3dg
DIISONONYL HEXAHYDROPHthalate BM-2 TITANIUM DIOXIDE LT-1 | CAN | END TRICYCLODECANEDIMETHANOL (1,5)-DIACRYLATE NoGS ZINC BENZOATE LT-P1 | MUL CARBON BLACK (PRIMARY CASRN IS 1333-86-4) BM-1 | CAN FERRIC OXIDE, YELLOW LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

We certify we have evaluated and disclosed all known components up to 99.9% of our product composition

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: RfCI FloorScore

VOC emissions: Emission Classification of Building Materials - M1

LCA: Environmental Product Declaration (EPD) by UL

Other: REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified? ☐ Yes ☒ No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2022-03-14 PUBLISHED DATE: 2022-04-12 EXPIRY DATE: 2025-03-14
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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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

MIPOLAM EL5

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: no residuals or impurities are expected to be present in the product at or above the reporting threshold

OTHER PRODUCT NOTES:

POLYVINYL CHLORIDE (PVC) (PRIMARY CASRN IS 9002-86-2) ID: 93050-82-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-14 2:02:52

?: 44.0000 - 48.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

LIMESTONE (LIMESTONE) ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-14 2:02:52

?: 33.0000 - 37.0000 GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

DIISONONYL HEXAHYDROPHTHALATE ID: 474919-59-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-14 2:02:53

?: 16.0000 - 20.0000 GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This plasticiser (DINCH) is REACH compliant

TITANIUM DIOXIDE ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-14 2:02:53

: 2.0000 - 4.0000		GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		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]		
SUBSTANCE NOTES: The substance is encapsulated in floor covering and not present in airborne or unbound particles of respirable size.					

TRICYCLODECANEDIMETHANOL (1,5)-DIACRYLATE

ID: 100781-28-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-14 2:02:54		
%: 0.4000 - 0.6000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: the EVERCARE surface treatment is based on double UV and laser crosslinked polyurethane				

ZINC BENZOATE

ID: 553-72-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-14 2:02:54		
%: 0.3000 - 0.7000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
SUBSTANCE NOTES: GERFLOR uses a mix of Calcium and Zinc. No heavy metals				

CARBON BLACK (PRIMARY CASRN IS 1333-86-4)

ID: 1584692-77-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-14 2:02:55			
%: 0.0000 - 0.1000		GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	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
SUBSTANCE NOTES: The substance is encapsulated in floor covering and not present in airborne or unbound particles of respirable size.		

FERRIC OXIDE, YELLOW

ID: 51274-00-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-14 2:02:55		
%: 0.0000 - 0.2000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority 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	RFCI FloorScore		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: GERFLOR St Paul Trois Châteaux (FRANCE) CERTIFICATE URL: https://www.scsglobalservices.com/certified-green-products-guide?pd_pid=44613 CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2021-02-01	EXPIRY DATE: 2022-04-30	CERTIFIER OR LAB: SCS GLOBAL SERVICES

VOC EMISSIONS	Emission Classification of Building Materials - M1		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: GERFLOR St Paul Trois Châteaux (FRANCE) CERTIFICATE URL: https://cer.rts.fi/rakennusmateriaalien-paastoluokitus-m1/etsi-m1-luokituksia/ CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2021-03-19	EXPIRY DATE: 2023-11-04	CERTIFIER OR LAB: RAKENNUSTIETO

LCA	Environmental Product Declaration (EPD) by UL		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: GERFLOR Troisdorf (GERMANY) CERTIFICATE URL: https://www.gerflorusa.com/media/17-usa-website/7-technical-doc/gerflor-product-epd-mipolam.pdf CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2016-12-21	EXPIRY DATE: 2021-12-20	CERTIFIER OR LAB: UL

OTHER	REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: GERFLOR St Paul Trois Châteaux (FRANCE) CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2021-04-18	EXPIRY DATE:	CERTIFIER OR LAB: GERFLOR

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+	HPD URL: No HPD Available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Standard recommended adhesive used for installation.	
GERFIX SPRAY	HPD URL: No HPD Available

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

GERFIX 125 HIGH MOISTURE ADHESIVE

HPD URL: No HPD Available

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: 595 Supreme Drive
 Bensenville IL 60106, United States
WEBSITE: <https://www.gerflorusa.com>

CONTACT NAME: Philippe Magro
TITLE: Technical Product Manager
PHONE: +33 4 75 50 67 50
EMAIL: philippe.magro@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	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-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
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)	NoGS No GreenScreen.

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.