

HPD UNIQUE IDENTIFIER: 1504484352

CLASSIFICATION: 09 65 16.23 Vinyl Sheet Flooring

PRODUCT DESCRIPTION: Design floorings (vinyl) are an entire product family of flooring solutions that are available in different formats, versions and designs. Formats available are: vinyl flooring with stone polymer composite (SPC) core board, vinyl flooring made of solid material and vinyl flooring for gluing. Depending on their design, they are suitable for a wide range of residential and commercial applications. Vinyl design floorings consist of a wear layer and other compact layers - Parador distinguishes between the following structures: vinyl floorings with dimensionally stable SPC core board and click system for easy installation.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

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

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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

VINYL TOP LAYER / WEAR LAYER INCL. VINYL CORE BOARD [

CALCIUM CARBONATE **BM-3** | EYE **UNDISCLOSED** **LT-UNK** | | EYE | MUL **POLYVINYL CHLORIDE** **LT-P1** | MAM **UNDISCLOSED** **LT-P1** | RES | CAN | | MUL | DEV | MAM **POLYETHYLENE** **LT-UNK** **DI(2-ETHYLHEXYL) TEREPHTHALATE** **BM-3dg** **UNDISCLOSED** **LT-P1** | END | MUL | SKI **UNDISCLOSED** **LT-UNK** | MUL **2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE** **LT-UNK** **UNDISCLOSED** **LT-UNK** | MUL **ZEOLITES OTHER THAN ERIONITE (CLINOPTILOLITE, PHILLIPSITE,MORDENITE, NON-FIBROUS JAPANESE ZEOLITE, SYNTHETIC ZEOLITES)** **LT-UNK** | MAM **OCTADECANOIC ACID, ZINC SALT** **LT-UNK** | AQU **TITANATE (TIO32#-), CALCIUM (1:1)** **LT-UNK** **UNDISCLOSED** **LT-UNK** | CAN | | MUL **UNDISCLOSED** **LT-P1** | RES | CAN | | DEV **OCTADECANOIC ACID, CALCIUM SALT** **LT-UNK** **STYRENE-ACRYLONITRILE COPOLYMERS** **LT-UNK** **TITANIUM DIOXIDE** **BM-1** | CAN | END | MAM **UNDISCLOSED** **BM-3** | | EYE **OCTADECANOIC ACID, 2,3-DIHYDROXYPROPYL ESTER** **LT-UNK** **2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER** **LT-P1** | SKI | MUL | EYE | AQU **TRIGLYCERIDES (TECHNICALLY UNTREATED OR HYDROGENATED; FATTY ACID ALKYL CHAIN SATURATED AND UNSATURATED, WITH EVEN- NUMBERED, LINEAR C-CHAIN, NUMBER OF C-ATOMS >=8)** **NoGS** **POLYURETHANE FOAMS** **LT-UNK** **CARBON BLACK** **BM-1** | CAN | EYE | MAM | PHY **SILICA, AMORPHOUS, FUMED, CRYST.-FREE** **BM-1** **EPOXY ACRYLATE** **LT-UNK** | SKI **UNDISCLOSED** **LT-UNK** | MUL | | MAM **2-PROPENOIC ACID, (1-METHYL-1,2-ETHANEDIYL) BIS[OXY(METHYL-2,1-ETHANEDIYL)] ESTER** **LT-P1** | SKI | MUL | EYE | AQU **ZINC OXIDE** **BM-1** | END | MUL | AQU | MAM | REP **1,2,3-PROPANETRIOL** **LT-UNK** **UNDISCLOSED** **LT-**

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The product inventory was developed with supplier-provided data and a detailed review of the product BOM. Ingredients were disclosed to 100 ppm, with all known proprietary formulations evaluated using hazard screening tools. Some components lacked CAS numbers but were described with sufficient detail to ensure comprehensive screening. No exclusions were made for inventory purposes, except for materials marked proprietary, which were disclosed to the extent allowed under confidentiality agreements.

UNK | MUL |] ACOUSTIC BACKING [UNDISCLOSED LT-UNK | CAN | |
MUL UNDISCLOSED LT-UNK | | EYE | MUL UNDISCLOSED NoGS
UNDISCLOSED LT-P1 | RES | CAN | | MUL | DEV | MAM
UNDISCLOSED NoGS UNDISCLOSED LT-1 | CAN | PHY | GEN | | MUL |
SKI | MAM | EYE | DEV | NEU | REP UNDISCLOSED LT-UNK | CAN | |
MUL] ADHESIVE [UNDISCLOSED LT-UNK | EYE | MAM | SKI | RES
UNDISCLOSED NoGS UNDISCLOSED LT-UNK | EYE | MAM | SKI | RES
] LACQUER []

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: DiBT/AgBB Ü Mark Certification (U Mark) - Resilient Floor Coverings
LCA: Environmental Product Declaration (EPD) by IBU
(Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB))

CONSISTENCY WITH OTHER PROGRAMS
No pre-checks completed or disclosed.

Third Party Verified?

- ☐ Yes
☒ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2024-12-19
PUBLISHED DATE: 2025-05-13
EXPIRY DATE: 2027-12-19

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

VINYL TOP LAYER / WEAR LAYER INCL. VINYL CORE BOARD		%: 97.8000 - 97.8000	
PRODUCT THRESHOLD: 100 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Residuals and Impurity information were not available for all materials. It cannot be 100% ruled out that residues or contamination may occur, both at our suppliers and in our production process. However, this is to be classified as negligible, since the performance of the individual material components are matched to the respective process. Each material, which is used for production, first passes through a qualification process and is validated after release, upon receipt of goods.			
OTHER MATERIAL NOTES: The vinyl top layer and core board are key components, contributing to the product's performance and durability. Materials have been inventoried to a 100 ppm threshold in accordance with HPD standards, with disclosure provided to the extent possible.			

CALCIUM CARBONATE				ID: 471-34-1
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:49	
%: 26.2290 - 30.3681	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Filler
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:				

UNDISCLOSED				ID: Undisclosed	
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:42:24		
%: 29.7606 - 29.7606	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Filler	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
	EC - CEPA DSL		Persistence		
EYE	New Zealand - GHS		Eye Irritation/Corrosivity		
MUL	EC - CEPA Toxic Substances (Sched 1)		Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Used as a filler in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:50		
%: 10.3926 - 14.3517	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 (C2CP II)		C2C Certified v4.0 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		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)		C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024		
			Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern		
SUBSTANCE NOTES:					

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:42:27		
%: 10.2416 - 10.2416	GreenScreen: LT-P1	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
RES	AOEC - Asthmagens	Respiratory Sensitization
CAN	IARC	Carcinogenicity
CAN	MAK	Carcinogenicity
	EC - CEPA DSL	Persistence
MUL	Japan - GHS	Mult*
MUL	Korea - GHS	Mult*
DEV	MAK	Developmental Toxicity
MAM	Japan - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
MUL	EC - CEPA Toxic Substances (Sched 1)	Mult*
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Used as a binder in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

POLYETHYLENE

ID: 9002-88-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:50		
%: 0.2699 - 2.5644	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:

DI(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:42		
%: 0.5849 - 1.5746	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

SUBSTANCE NOTES:

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-12-19 2:42:31		
%: 0.6708 - 0.6708	GreenScreen: LT-P1	RC: UNK	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
END	TEDX - Potential Endocrine Disruptor	Endocrine Activity		
MUL	EC - CEPA DSL	Mult*		
SKI	Korea - GHS	Skin Irritation/Corrosivity		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Used as a stabilizer in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-12-19 2:42:32		
%: 0.4737 - 0.4737	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	EC - CEPA DSL	Mult*		
MUL	Korea - GHS	Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Used as a plasticizer in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:43	
%: 0.1350 - 0.3149	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
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:				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:42:35	
%: 0.2851 - 0.2851	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	EC - CEPA DSL	Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Used as a stabilizer in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.				

ZEOLITES OTHER THAN ERIONITE (CLINOPTILOLITE, PHILLIPSITE,MORDENITE, NON-FIBROUS JAPANESE ZEOLITE, SYNTHETIC ZEOLITES)

ID: 1318-02-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:43	
%: 0.1800 - 0.2699	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Heat or UV stabilizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
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:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:44	
%: 0.1350 - 0.2249	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Heat or UV 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 v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Children's Products		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024		
		Children's Toy Products		
SUBSTANCE NOTES:				

TITANATE (TIO32#-), CALCIUM (1:1)

ID: 12049-50-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:44	
%: 0.0045 - 0.2249	GreenScreen: LT-UNK	RC: None	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:				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:42:40	
%: 0.1761 - 0.1761	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	IARC	Carcinogenicity		
	EC - CEPA DSL	Persistence		
MUL	EC - CEPA Toxic Substances (Sched 1)	Mult*		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Used as a lubricant in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.		

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-12-19 2:42:41		
%: 0.1761 - 0.1761	GreenScreen: LT-P1	RC: UNK	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
RES	AOEC - Asthmagens	Respiratory Sensitization		
CAN	MAK	Carcinogenicity		
	EC - CEPA DSL	Persistence		
DEV	MAK	Developmental Toxicity		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Used as a filler in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.				

OCTADECANOIC ACID, CALCIUM SALT

ID: 1592-23-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:44	
%: 0.0900 - 0.1350	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Heat or UV 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:				

STYRENE-ACRYLONITRILE COPOLYMERS

ID: 9003-54-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-12-19 4:01:45		
%: 0.1350 - 0.1350	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator

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:		

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-12-19 4:01:44

%: 0.0360 - 0.1350

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	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	IARC	Group 2b - Possibly carcinogenic to humans
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]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 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)
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Cosmetics and Personal Care Products
SUBSTANCE NOTES:		

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:42:46	
%: 0.1048 - 0.1048	GreenScreen: BM-3	RC: UNK	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
	EC - CEPA DSL	Persistence		
EYE	New Zealand - GHS	Eye Irritation/Corrosivity		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Used as a flame retardant in the product to enhance fire resistance. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.				

OCTADECANOIC ACID, 2,3-DIHYDROXYPROPYL ESTER

ID: **123-94-4**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-12-19 3:37:58		
%: 0.0450 - 0.0900	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
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:		

2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER

ID: 13048-33-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-12-19 4:01:45		
%: 0.0315 - 0.0900	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	MAK		Sensitizing Substance Sh - Danger of skin sensitization	
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters	
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1		H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]	
SKI	GHS - New Zealand		Skin irritation category 2	
EYE	GHS - New Zealand		Eye irritation category 2	
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]	
SKI	GHS - New Zealand		Skin sensitisation category 1	
AQU	GHS - Japan		H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]	
AQU	GHS - Japan		H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

TRIGLYCERIDES (TECHNICALLY UNTREATED OR HYDROGENATED; FATTY ACID ALKYL CHAIN SATURATED AND UNSATURATED, WITH EVEN- NUMBERED, LINEAR C-CHAIN, NUMBER OF C-ATOMS >=8)

ID: 538-24-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-12-19 3:38:05
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%: 0.0450 - 0.0900

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Processing regulator

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
SUBSTANCE NOTES:		

POLYURETHANE FOAMS

ID: 9009-54-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-12-19 3:38:08		
%: 0.0360 - 0.0900	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating
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: 2024-12-19 3:38:11		
%: 0.0360 - 0.0900	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
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]
PHY	GHS - Japan	H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]

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

SUBSTANCE NOTES:

SILICA, AMORPHOUS, FUMED, CRYST.-FREE

ID: 112945-52-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-12-19 3:38:14

%: 0.0135 - 0.0315

GreenScreen: BM-1

RC: None

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:

EPOXY ACRYLATE

ID: 71281-65-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-12-19 4:01:45

%: 0.0135 - 0.0225

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization

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

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-12-19 2:42:57		
%: 0.0210 - 0.0210	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Mult*		
	EC - CEPA DSL	Persistence		
MAM	Korea - GHS	Acute Mammalian Toxicity		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Used as a stabilizer in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

2-PROPENOIC ACID, (1-METHYL-1,2-ETHANEDIYL)
BIS[OXY(METHYL-2,1-ETHANEDIYL)] ESTER

ID: 42978-66-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-12-19 4:01:46		
%: 0.0045 - 0.0180	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
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]
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
AQU	GHS - Australia	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

ZINC OXIDE		ID: 1314-13-2
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-12-19 4:01:46
%: 0.0135 - 0.0135	GreenScreen: BM-1	RC: None
	NANO: No	SUBSTANCE ROLE: Filler

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Children's Toy Products
SUBSTANCE NOTES:		

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-12-19 4:01:46		
%: 0.0090 - 0.0135	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator	
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		
SUBSTANCE NOTES:					

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:02		
%: 0.0126 - 0.0126	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Stabilizer	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances Hazardous to Waters		Mult*		
	EC - CEPA DSL		Persistence		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Used as a stabilizer in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.					

ACOUSTIC BACKING

%: **1.7300 - 1.7300**

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Residuals and Impurity information were not available for all materials. It cannot be 100 % ruled out that residues or contamination may occur, both at our suppliers and in our production process. However, this is to be classified as negligible, since the performance of the individual material components are matched to the respective process. Each material, which is used for production, first passes through a qualification process and is validated after release, upon receipt of goods.		
OTHER MATERIAL NOTES: The acoustic backing improves sound absorption and underfoot comfort. All materials have been inventoried in compliance with HPD standards to a 100 ppm threshold, with proprietary components noted as applicable.		

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:05		
%: 88.3237 - 88.3237	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Polymer species	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	IARC	Carcinogenicity
	EC - CEPA DSL	Persistence
MUL	EC - CEPA Toxic Substances (Sched 1)	Mult*
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.		

UNDISCLOSED		ID: Undisclosed		
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-12-19 2:43:06		
%: 4.3128 - 4.3128	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
	EC - CEPA DSL	Persistence		
EYE	New Zealand - GHS	Eye Irritation/Corrosivity		
MUL	EC - CEPA Toxic Substances (Sched 1)	Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Used as a filler in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.				

UNDISCLOSED			ID: Undisclosed	
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:08	
?: 1.8497 - 1.8497	GreenScreen: NoGS	RC: UNK	NANO: No	SUBSTANCE ROLE: Dye
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: Used as a dye in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.				

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:09	
%: 1.3271 - 1.3271	GreenScreen: LT-P1	RC: UNK	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
RES	AOEC - Asthmagens	Respiratory Sensitization		
CAN	IARC	Carcinogenicity		
CAN	MAK	Carcinogenicity		
	EC - CEPA DSL	Persistence		
MUL	Japan - GHS	Mult*		
MUL	Korea - GHS	Mult*		
DEV	MAK	Developmental Toxicity		
MAM	Japan - GHS	Systemic Toxicity/Organ Effects (Single Exposure)		
MUL	EC - CEPA Toxic Substances (Sched 1)	Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Used as a filler in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.				

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:12	
%: 0.9249 - 0.9249	GreenScreen: NoGS	RC: UNK	NANO: No	SUBSTANCE ROLE: Blowing agent
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: Used as a blowing agent in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.				

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:10	
%: 0.9249 - 0.9249	GreenScreen: LT-1	RC: UNK	NANO: No	SUBSTANCE ROLE: Blowing agent

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	Australia - GHS	Carcinogenicity
CAN	EU - Annex VI CMRs	Carcinogenicity
CAN	EU - GHS (H-Statements)	Carcinogenicity
CAN	EU - REACH Annex XVII CMRs	Carcinogenicity
CAN	Korea - GHS	Carcinogenicity
PHY	EU - GHS (H-Statements)	Flammability
PHY	EU - GHS (H-Statements)	Reactivity
GEN	EU - Annex VI CMRs	Mutagenicity/Genotoxicity
GEN	EU - GHS (H-Statements)	Mutagenicity/Genotoxicity
GEN	EU - REACH Annex XVII CMRs	Mutagenicity/Genotoxicity
GEN	Korea - GHS	Mutagenicity/Genotoxicity
	EC - CEPA DSL	Persistence
MUL	EC - CEPA DSL	Mult*
MUL	Japan - GHS	Mult*
SKI	Korea - GHS	Skin Irritation/Corrosivity
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MUL	Australia - GHS	Mult*
PHY	Japan - GHS	Reactivity
EYE	Australia - GHS	Eye Irritation/Corrosivity
MAM	Australia - GHS	Acute Mammalian Toxicity
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
DEV	MAK	Developmental Toxicity
NEU	Boyes - Neurotoxicants	Neurotoxicity (Single Exposure)
REP	Australia - GHS	Reproductive Toxicity
SKI	Australia - GHS	Skin Irritation/Corrosivity
NEU	Japan - GHS	Neurotoxicity (Single Exposure)
NEU	Korea - GHS	Neurotoxicity (Single Exposure)
PHY	Australia - GHS	Flammability
PHY	Japan - GHS	Flammability
PHY	Korea - GHS	Flammability
PHY	New Zealand - GHS	Flammability
GEN	Australia - GHS	Mutagenicity/Genotoxicity
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Used as a blowing agent in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:13		
%: 0.8987 - 0.8987	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Lubricant	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS			
CAN	IARC	Carcinogenicity			
	EC - CEPA DSL	Persistence			
MUL	EC - CEPA Toxic Substances (Sched 1)	Mult*			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION			
None found			No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Used as a lubricant in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

ADHESIVE

%: 0.4400 - 0.4400

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: RESIDUALS AND IMPURITIES NOTES: Residuals and Impurity information were not available for all materials. It cannot be 100% ruled out that residues or contamination may occur, both at our suppliers and in our production process. However, this is to be classified as negligible, since the performance of the individual material components are matched to the respective process. Each material, which is used for production, first passes through a qualification process and is validated after release, upon receipt of goods.

OTHER MATERIAL NOTES: The glue is used to bond product components and meets HPD standards. Ingredients are inventoried to a 100 ppm threshold, with any proprietary information disclosed as needed.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:16		
%: 74.6245 - 74.6245	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	Australia - GHS	Eye Irritation/Corrosivity
MAM	Australia - GHS	Acute Mammalian Toxicity
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
SKI	Australia - GHS	Skin Irritation/Corrosivity
SKI	Australia - GHS	Skin Sensitization
RES	Australia - GHS	Respiratory Sensitization
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Used as a binder in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:17	
%: 17.9818 - 17.9818	GreenScreen: NoGS	RC: UNK	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: Used as a binder in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-12-19 2:43:19	
%: 7.8182 - 7.8182	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
EYE	Australia - GHS	Eye Irritation/Corrosivity		
MAM	Australia - GHS	Acute Mammalian Toxicity		
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Single Exposure)		
SKI	Australia - GHS	Skin Irritation/Corrosivity		
SKI	Australia - GHS	Skin Sensitization		
RES	Australia - GHS	Respiratory Sensitization		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Used as a binder in the product. Due to proprietary reasons, the exact composition cannot be disclosed. All available information has been included.		

LACQUER	%: 0.0334 - 0.0334	
PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Geologically Derived Material
RESIDUALS AND IMPURITIES NOTES: RESIDUALS AND IMPURITIES NOTES: Residuals and Impurity information were not available for all materials. It cannot be 100% ruled out that residues or contamination may occur, both at our suppliers and in our production process. However, this is to be classified as negligible, since the performance of the individual material components are matched to the respective process. Each material, which is used for production, first passes through a qualification process and is validated after release, upon receipt of goods.		
OTHER MATERIAL NOTES: The lacquer provides a protective and finishing layer for the product's surfaces. It meets HPD standards, with materials inventoried to a 100 ppm threshold, and any proprietary ingredients disclosed as required. All substances in this material are below the reportable threshold.		

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	DiBT/AgBB Ü Mark Certification (U Mark) - Resilient Floor Coverings	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2024-08-26 00:00:00	CERTIFIER OR LAB: eco-INSTITUT
APPLICABLE FACILITIES: Vinyl design flooring	EXPIRY DATE:	Germany GmbH
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES:		
LCA	Environmental Product Declaration (EPD) by IBU (Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB)	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2023-09-21 00:00:00	CERTIFIER OR LAB: Institut Bauen und Umwelt e.V.
APPLICABLE FACILITIES: Vinyl design flooring	EXPIRY DATE:	
CERTIFICATE URL: https://epd-online.com/PublishedEpd/Download?id=19084		
CERTIFICATION AND COMPLIANCE NOTES:		

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.

TOOLS
MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Tape measure or hinged ruler, cutter knife, pencil, handsaw, Parador plastic spacer wedges, Parador MultiTool, Parador design flooring installation aid, hammer, drill and jigsaw, crosscut saw, or circular saw. Depending on the application, additional tools may be required: vinyl flooring for gluing: adhesive spatula A2; pressure roller (approx. 50 kg); "gun" for assembly adhesive; Metal saw for aluminium profiles.
UNDERLAY
MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD available
ACCESSORY TYPE: Other
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Most vinyl floors with SPC core already have an integrated footfall sound insulation due to the acoustic backing (excepting Herringbone format). If you want to use an additional underlay for vinyl with an SPC core board, make sure it is highly pressure-resistant. You can achieve this with the Akustik-Protect Rigid underlay, for example. Very soft underlays are not permitted. Vinyl with SPC core board in herringbone format has no integrated footfall sound insulation. We therefore recommend installing the separately available Akustik Protect Rigid underlay. This provides you with the necessary stability - even in heavy-duty applications (in accordance with wear class 33). Comprehensive information about underlays can be found in our catalogues and online at www.parador.de/en .
SKIRTING BOARD
MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD available
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Attached to the wall with the Parador assembly adhesive or the special plastic clips with integrated cable conduit.

HPD URL: No HPD available

ACCESSORY TYPE: **Other**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Floor profiles are suitable for terminations, transitions and adjustments.

 Section 5: General Notes

This HPD was declared for the product Vinyl design flooring with partly different suppliers of the same material. Therefore, there are variations in the percentage composition.

MANUFACTURER INFORMATION

MANUFACTURER: **Parador GmbH**
 ADDRESS: **Parador GmbH**
Coesfeld, NRW 48653
 COUNTRY: **Germany**

WEBSITE: **<https://parador.de/en/vinyl-flooring>**
 CONTACT NAME: -
 TITLE: -
 PHONE: -
 EMAIL: **umwelt@parador.de**

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

