# Infinity® 2 MG Cushion Modular by Mannington Mills



### HPD UNIQUE IDENTIFIER: 2330775552

CLASSIFICATION: 09 68 13 Tile Carpeting

**PRODUCT DESCRIPTION:** Infinity® 2 MG Cushion Modular is an ideal flooring solution for high moisture slabs. In specific applications, Infinity® 2 MG Cushion allows for no moisture testing required. The backing is designed to let the tile breathe, protecting your carpet investment and permitting quick-turn installations. The cushion provides greater comfort underfoot as well as enhanced acoustic comfort. Infinity® 2 MG Cushion is available on almost all Mannington Commercial carpet tile styles and sizes and carries a limited lifetime warranty.

# Section 1: Summary

### CONTENT INVENTORY

- Inventory Reporting Format C Nested Materials Method
- Basic Method
- Threshold Disclosed Per

C Material

O Product

Threshold Level • 100 ppm • 1,000 ppm • Per GHS SDS • Other

## **Residuals/Impurities Evaluation**

- Completed
   Partially Completed
- C Not Completed

Explanation(s) provided : • Yes O No

# **Basic Method / Product Threshold**

For all contents above the threshold, th Characterized	e manufacturer has:
Provided weight and role. Screened	⊙ Yes ⊖ No
Provided screening results using HPDC methods.	
Identified Provided name and CAS RN or other ic	• Yes • No dentifier.

# 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

INFINITY® 2 MG CUSHION MODULAR [ CALCIUM CARBONATE BM-3dg POLYETHYLENE TEREPHTHALATE LT-P1 NYLON 6 LT-UNK POLYVINYL CHLORIDE LT-P1 | MAM DI(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENE LT-UNK POLYMER NoGS HEXANEDIOIC ACID, POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE AND 1,6-HEXANEDIAMINE LT-UNK FERRIC OXIDE BM-1 \* | CAN | MAM 9,10-ANTHRACENEDIONE, 1,1'-[(6-PHENYL-1,3,5-TRIAZINE- 2,4-DIYL)DIIMINO]BIS- LT-UNK ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE, 2,9-BIS[4-(PHENYLAZO)PHENYL]- LT-UNK POLY(OXY-1,2-ETHANEDIYL), α-DODECYL-w-HYDROXY- BM-2 | MUL | SKI | EYE | AQU NICKEL, 5,5'-AZOBIS-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE COMPLEXES LT-1 CAN 5,9,14,18-ANTHRAZINETETRONE, 6,15-DIHYDRO- LT-UNK ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE, 2,9-DIMETHYL- LT-UNK POTASSIUM BROMIDE (KBR) LT-P1 | SKI | EYE | AQU CHROMATE(1-), BIS[2-[(4,5-DIHYDRO-3-METHYL-5-OXO-1-PHENYL-1H-PYRAZOL-4-YL)AZO]BENZOATO(2 -)]-, SODIUM LT-P1 | SKI | MUL PIGMENT RED 202 LT-UNK IRON OXIDE LT-UNK FERRIC OXIDE BM-1 \* CAN | MAM TITANIUM DIOXIDE BM-1 \* CAN | END | MAM CARBON BLACK BM-1 \* | CAN | EYE | MAM | PHY QUARTZ BM-1 \* | CAN | MAM | GEN PIGMENT VIOLET 23 LT-UNK | EYE GLASS, OXIDE, CHEMICALS LT-UNK SOYBEAN OIL, EPOXIDIZED LT-P1 | AQU 1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, 1,2-ETHANEDIOL AND HEXANEDIOIC ACID NoGS CARBONIC ACID, MAGNESIUM SALT (1:1) BM-3dg CALCIUM CARBONATE BM-3 | EYE C.I. PIGMENT BROWN 24 BM-1 C. I. PIGMENT BLUE 15 BM-3 ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE, 2,9-BIS(3,5-DIMETHYLPHENYL)- LT-P1 2-PROPENOIC

Number of Greenscreen BM-4/BM3 contents ... 5

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, LT-1, BM-1 Nanomaterial ... No INVENTORY AND SCREENING NOTES:

This HPD includes all chemicals and residuals present in the product above the stated threshold of 100ppm. This includes all product variations with the Infinity® 2 MG Cushion backing system.

\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

ACID, 2-METHYL-, BUTYL ESTER LT-UNK | SKI | CAN | EYE | MAM | AQU C.I. PIGMENT GREEN 7 LT-UNK MAGNESIUM, [CARBONATO(2-)]HEXADECAHYDROXYBIS(ALUMINUM)HEXA- LT-P1 OCTADECANOIC ACID, ZINC SALT LT-UNK | AQU C.I. PIGMENT YELLOW 119 BM-1 N,N'-BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)ISOPHTHALAMIDE LT-P1 | MUL | EYE BISMUTH VANADIUM OXIDE BM-1 | MUL 2-ETHYLHEXYL METHYL TEREPHTHALATE NoGS POLYPROPYLENE LT-UNK SILOXANES AND SILICONES, DI-ME BM-2 | PBT POLYETHYLENE LT-UNK 2-PROPENOIC ACID, POLYMER WITH ETHENE, ZINC SALT LT-UNK PIGMENT YELLOW 147 LT-UNK BENZENESULFONIC ACID, DODECYL-, BRANCHED, SODIUM SALT LT-P1 | SKI | EYE | AQU POLY(OXY-1,2-ETHANEDIYL), α-HYDRO-ω-HYDROXY- LT-UNK 13-DOCOSENAMIDE, N-OCTADECYL-, (Z)- LT-UNK 1H-IMIDAZOLE-1-ETHANOL, 2-(HEPTADECENYL)-4,5-DIHYDRO- LT-P1 | MUL | SKI BARIUM SULFATE BM-2 | CAN | MAM BENZENEPROPANOIC ACID, 3-(1,1-DIMETHYLETHYL)-4-HYDROXY-5-METHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER LT-P1 | MUL CALEDON RED 2G LT-UNK DIETHYLENE GLYCOL LT-P1 | END | MAM | REP DODECANEDIOIC ACID LT-UNK PETROLEUM RESINS LT-UNK POLY(OXY-1,2-ETHANEDIYL), α-(1-OXO-9-OCTADECENYL) -ω-[(1-OXO-9-OCTADECENYL)OXY]-, (Z,Z)- LT-UNK N-BUTYL ACRYLATE LT-UNK | SKI | EYE | MAM | REP | AQU 2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENENITRILE LT-UNK OCTADECANOIC ACID, CALCIUM SALT LT-UNK STYRENE-ACRYLONITRILE COPOLYMERS LT-UNK DODECANSSUREMETHYLESTER, ETHOXYLIERT, EO 6 BIS 15 MOL LT-UNK DECANEDIOIC ACID, POLYMER WITH HEXAHYDRO-2H-AZEPIN-2-ONE, 1,6-HEXANEDIAMINE AND HEXANEDIOIC ACID UNK PIGMENT VIOLET 29 LT-UNK CAPROLACTAM LT-UNK | SKI | EYE | MAM | REP FATTY ACIDS, COCO, ESTERS WITH TRIMETHYLOLPROPANE NoGS STEARIC ACID LT-P1 | END 2-PROPENOIC ACID, POLYMER WITH ETHENE LT-UNK MELAMINE LT-1 END | CAN | MAM OCTADECANOIC ACID, 12-HYDROXY-, HOMOPOLYMER, OCTADECANOATE LT-UNK | SKI 2,5-FURANDIONE, POLYMER WITH ETHENE LT-UNK SODIUM POLYACRYLATE LT-UNK | EYE | CAN | MAM 1,3-PROPANEDIONE, 1,3-DIPHENYL- NoGS 2-PROPENOIC ACID, HOMOPOLYMER, SODIUM SALT LT-UNK | EYE | CAN | MAM BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, OCTADECYL ESTER BM-2 | REP | AQU CASTOR OIL, HYDROGENATED, ETHOXYLATED LT-UNK COPPER IODIDE (CUI) BM-1 | MUL | MAM FATTY ACIDS, C16-18 LT-UNK FATTY ACIDS, MONTAN-WAX, 1-METHYL-1,3-PROPANEDIYL ESTERS NoGS FATTY ACIDS, MONTAN-WAX, ETHYLENE ESTERS NoGS

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

### **CERTIFICATIONS AND COMPLIANCE** See Section 3 for additional

listings.

VOC emissions: CRI Green Label Plus - Carpets VOC emissions: CRI Green Label Plus - Carpets

### CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?

• Yes

PREPARER: Self-Prepared VERIFIER: WAP Sustainability Consulting VERIFICATION #: zPr-23833 SCREENING DATE: 2025-04-07 PUBLISHED DATE: 2025-05-08 EXPIRY DATE: 2028-04-07 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

INFINITY® 2 MG CUSHION	MODULAR				
PRODUCT THRESHOLD: 10	00 ppm RESI	DUALS AND IMPURITI	ES EVALUATION CO	MPLETED: Yes	
RESIDUALS AND IMPURITI	ES NOTES: Residuals and impuri	ties were collected from	suppliers and those	that fall above the th	nreshold are included.
OTHER PRODUCT NOTES:					
CALCIUM CARBONATE					ID: <b>1317-65-3</b>
HAZARD DATA SOURCE:	Pharos Chemical and Material	s Library	HAZARD S	CREENING DATE:	2025-04-07 23:49:43
%: 25.0000 - 30.0000	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE	ROLE: Filler
HAZARD TYPE	LIST NAME AND SOU	RCE	WARNINGS		
None found			No war	nings found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOU	RCE	NOTIFICATION		
None found			No	listings found on Ad	dditional Hazard Lists

SUBSTANCE NOTES: A range is provided to account for the variability in face fiber weights and options.

### POLYETHYLENE TEREPHTHALATE

HAZARD DATA SOURCE: Ph	naros Chemical and Materials Library	/	HAZARD	O SCREENING DATE: 2025-04-07 23:49:44
%: 20.0000 - 30.0000	GreenScreen: LT-P1	RC: Both	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	varnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	٧
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: A range is provided to account for the variability in face fiber weights and options. The recycled content comes from manufacturing scrap and post-consumer bottle flake.

ID: 25038-54-4

ID: 25038-59-9

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD	SCREENING DATE: 2025-04-07 23:49:44
%: 0.0000 - 20.0000	GreenScreen: LT-UNK	RC: Both	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	varnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	I
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: A range is provided to account for the variability in face fiber weights and options. This is an alternative to CAS 32131-172 (Nylon 6,6). The recycled content comes from manufacturing scrap and depolymerized post-consumer nylon 6 waste.

### POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ry	HAZARI	D SCREENING DATE: 2025-04-07 23:49:	
6: <b>10.0000 - 15.0000</b>	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - Japan		-	use respiratory irritation [Specific target Single exposure - Category 3]	
МАМ	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxi following repeated exposure - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST Perkins+Will (P+W)			P&W - Precautionary List		
			Precautionary I avoidance	ist of substances recommended for	
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institute		v4.0 Product Standard Restricted st (RSL) - Effective July 1, 2022	
			Core Restrictio	ns	
RESTRICTED LIST	International Living Future Inst	itute (ILFI)		Challenge 4.0 - Red List of Materials & fective February 1, 2025	
			Red List substa V4.0 projects	ances to avoid in Living Building Challenge	
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institute		v4.1 Product Standard Restricted	
			Avoidance of C Chemical Class	Organohalogens and Functionally Related	

SUBSTANCE NOTES: A range is provided to account for the variability in face fiber weights and options.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD	O SCREENING DATE: 2025-04-07 23:49:45
%: 0.0000 - 15.0000 ALT	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	varnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	J
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: A range is provided to account for the variability in face fiber weights and options. This is an alternative to CAS 25038-544 (Nylon 6).

ALTERNATE: This substance is an alternate substance to Nylon 6.

### DI(2-ETHYLHEXYL) TEREPHTHALATE

			Some Solvents	
RESTRICTED LIST	Green Science Policy Institute	(GSPI)	GSPI - Six Classe	es Precautionary List
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No wa	rnings found on HPD Priority Hazard Lists
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
%: 5.0000 - 10.0000	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD DATA SOURCE: P	haros Chemical and Materials Librar	у	HAZARD S	SCREENING DATE: 2025-04-07 23:49:46

SUBSTANCE NOTES: A range is provided to account for the variability in face fiber weights and options.

ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENE ID: 24937-78-8					
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARI	O SCREENING DATE: 2025-04-07 23:49:46	
%: 0.0000 - 5.0000	GreenScreen: LT-UNK	RC: PreC	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No v	varnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	٨	
None found				No listings found on Additional Hazard Lists	

SUBSTANCE NOTES: A range is provided to account for the variability in face fiber weights and options. The recycle content comes from manufacturing scrap.

ID: 6422-86-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD	O SCREENING DATE: 2025-04-07 23:49:47
%: <b>0.0000 - 5.0000</b>	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	varnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	J
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: A range is provided to account for the variability in face fiber weights and options.

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARD S	CREENING DATE: 2025-04-07 23:49:47
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Carrier
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	

SUBSTANCE NOTES:

POLYMER

AZARD DATA SOURCE: Pharos	Chemical and Materials Librar	у	HAZARD S	CREENING DATE: 2025-04-07 23:49:4
: 0.0000 - 1.0000	areenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		Carcinogen Group but not sufficient fe	3B - Evidence of carcinogenic effects or classification**
МАМ	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic toxicity I exposure - Category 1]**
МАМ	GHS - Japan			mage to organs [Specific target oxicity following single exposure -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

## 9,10-ANTHRACENEDIONE, 1,1'-[(6-PHENYL-1,3,5-TRIAZINE- 2,4-DIYL)DIIMINO]BIS-

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD S	CREENING DATE: 2025-04-07 23:49:46
%: <b>0.0000 - 1.0000</b>	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			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES:

### ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-1,3,8,10(2H,9H)-TETRONE, 2,9-BIS[4-(PHENYLAZO)PHENYL]-

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-04-07 23:49:47 %: 0.0000 - 1.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Pigment 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:

POLY(OXY-1,2-ETHANEDI	/L), α-DODECYL-ω-HYDROXY-			ID: 9002-92-0
HAZARD DATA SOURCE:	Pharos Chemical and Materials Lil	brary	HAZA	RD SCREENING DATE: 2025-04-07 23:49:47
%: <b>0.0000 - 1.0000</b>	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator

ID: 4118-16-5

ID: 3049-71-6

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - New Zealand	Serious eye damage 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]
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - 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
		Cosmetics & Personal Care Products
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

# NICKEL, 5,5'-AZOBIS-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE COMPLEXES

ID: 68511-62-6

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libr	rary	HAZARD S	CREENING DATE: 2025-04-07 23:49:48
%: 0.0000 - 1.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	IARC		Group 1 - Agent is	Carcinogenic to humans
CAN	CA EPA - Prop 65		Carcinogen	
CAN	US NIH - Report on Carcino	gens	Known to be a hu	man Carcinogen

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Certain Metals
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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Footwear, Apparel & Jewelry 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

HAZARD DATA SOURCE: I	Pharos Chemical and Materials Librar	у	HAZARD S	CREENING DATE: 2025-04-07 23:49:49
%: 0.0000 - 1.0000	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			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES:

ANTHRA[2,1,9-DEF:6,5,10-D'E'F'] DIISOQUINOLINE-
1,3,8,10(2H,9H)-TETRONE, 2,9-DIMETHYL-

ID: 5521-31-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD S	CREENING DATE: 2025-04-07 23:49:49
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
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:

### POTASSIUM BROMIDE (KBR)

ID: 7758-02-3

ID: 41741-86-0

HAZARD DATA SOURCE: P	haros Chemical and Materials Libra	ry	HAZARD S	CREENING DATE: 2025-04-07 23:49:49
%: 0.0000 - 1.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation cate	egory 2
EYE	GHS - New Zealand		Eye irritation category 2	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 3	
SKI	GHS - New Zealand		Skin sensitisation category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	b listings found on Additional Hazard Lists

SUBSTANCE NOTES:

### CHROMATE(1-), BIS[2-[(4,5-DIHYDRO-3-METHYL- 5-OXO-1-PHENYL-1H-PYRAZOL-4-YL)AZO]BENZOATO(2-)]-, SODIUM

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARD S	CREENING DATE: 2025-04-07 23:49:50
%: 0.0000 - 1.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	МАК		Sensitizing Substa	nce Sh - Danger of skin sensitization
MUL	German FEA - Substances H Waters	azardous to	Class 3 - Severe H	lazard to Waters

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

PIGMENT RED 202				ID: <b>3089-17-6</b>
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-04-07 23:49:51		
%: 0.0000 - 1.0000	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	
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		) Product Standard Restricted RSL) - Effective July 1, 2022
			Core Restrictions	

SUBSTANCE NOTES:

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARD S	CREENING DATE: 2025-04-07 23:49:52
%: 0.0000 - 1.0000	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			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

FERRIC OXIDE

ID: 1309-37-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2025-04-07 23:49:49	
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		Carcinogen Group but not sufficient f	o 3B - Evidence of carcinogenic effects or classification**
MAM	GHS - Japan		repeated exposure	amage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]**
МАМ	GHS - Japan			amage to organs [Specific target oxicity following single exposure -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Nc	b listings found on Additional Hazard Lists

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

# TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE	Pharos Chemical and Materials Lib	orary	HAZARD S	CREENING DATE: 2025-04-07 23:49:50
%: 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 Car	rcinogens	Occupational Carc	cinogen**
CAN	CA EPA - Prop 65	CA EPA - Prop 65		ific to chemical form or exposure route**
CAN	IARC	IARC		bly carcinogenic to humans - inhaled sources**
CAN	МАК		Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**	
END	TEDX - Potential Endocrine	Disruptors	Potential Endocrin	e Disruptor**
CAN	МАК		Carcinogen Group risk under MAK/B/	4 - Non-genotoxic carcinogen with low AT levels**
CAN	IARC		Group 2b - Possib	ly carcinogenic to humans**
CAN	EU - GHS (H-Statements) A	nnex 6 Table 3-1	H351 - Suspected Category 2]**	of causing cancer [Carcinogenicity -
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 toxicity l 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: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

### **CARBON BLACK**

HAZARD DATA SOURCE:	AZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2025-04-07 23:49:5
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS	
CAN	US CDC - Occupational C	arcinogens	Occupational Card	cinogen**
CAN	МАК		Carcinogen Group but not sufficient for	3B - Evidence of carcinogenic effects or classification**
CAN	CA EPA - Prop 65		Carcinogen - spec	cific to chemical form or exposure route**
CAN	IARC		Group 2b - Possib	ly carcinogenic to humans**
EYE	GHS - New Zealand		Eye irritation cateo	gory 2**
CAN	GHS - New Zealand		Carcinogenicity ca	ategory 2**
CAN	GHS - Japan		H351 - Suspected Category 2]**	of causing cancer [Carcinogenicity -
МАМ	GHS - Japan		repeated exposure	umage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]**
РНҮ	GHS - Japan			ig;; may catch fire [Self-heating nixtures - Category 1]**

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

None found

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

### QUARTZ

HAZARD DATA SOURCE: P	haros Chemical and Materials Lil	orary	HAZARD S	CREENING DATE: 2025-04-07 23:49:		
%: <b>0.0000 - 1.0000</b>	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity		
HAZARD TYPE	LIST NAME AND SOURCE	E	WARNINGS			
CAN	US CDC - Occupational Ca	rcinogens	Occupational Carc	cinogen**		
CAN	CA EPA - Prop 65		Carcinogen - spec	ific to chemical form or exposure route*		
CAN	US NIH - Report on Carcino	US NIH - Report on Carcinogens		an Carcinogen (respirable size - ng)**		
CAN	МАК	IAK		1 - Substances that cause cancer in		
CAN	IARC		Group 1 - Agent is occupational sour	carcinogenic to humans - inhaled from ces**		
CAN	IARC	IARC		Group 1 - Agent is Carcinogenic to humans**		
CAN	US NIH - Report on Carcino	ogens	Known to be a hur	man Carcinogen**		
CAN	GHS - Japan		H350 - May cause 1A]**	e cancer [Carcinogenicity - Category		
CAN	GHS - Australia		H350i - May cause Category 1A or 1E	e cancer by inhalation [Carcinogenicity -		
CAN	GHS - New Zealand		Carcinogenicity ca	ategory 1**		
MAM	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic toxicity I exposure - Category 1]**		
GEN	GHS - Japan		H341 - Suspected mutagenicity - Cat	of causing genetic defects [Germ cell regory 2]**		
MAM	GHS - Australia			mage to organs through prolonged or e [Specific target organ toxicity - e - Category 1]**		
MAM	GHS - New Zealand		Specific target org 1**	an toxicity - repeated exposure category		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	-	NOTIFICATION			
None found			No	listings found on Additional Hazard List		

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

### **PIGMENT VIOLET 23**

ID: 6358-30-1

Pharos Chemical and Materials Libra	ary	HAZARD S	CREENING DATE: 2025-04-07 23:49:5
GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
LIST NAME AND SOURCE		WARNINGS	
GHS - New Zealand		Eye irritation cate	gory 2
LIST NAME AND SOURCE		NOTIFICATION	
Cradle to Cradle Products Inr (C2CPII)	novation Institute		Product Standard Restricted RSL) - Effective July 1, 2022
		Core Restrictions	
Cradle to Cradle Products Inr (C2CPII)	novation Institute	C2C Certified v4.1 Substances - Effe	Product Standard Restricted ctive July 1, 2024
		Cosmetics and Pe	ersonal Care Products
	GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE Cradle to Cradle Products Inn (C2CPII) Cradle to Cradle Products Inn	LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	GreenScreen: LT-UNK       RC: None       NANO: No         LIST NAME AND SOURCE       WARNINGS         GHS - New Zealand       Eye irritation categoritation         LIST NAME AND SOURCE       NOTIFICATION         Cradle to Cradle Products Innovation Institute (C2CPII)       C2C Certified v4.0 Substances List (F         Cradle to Cradle Products Innovation Institute (C2CPII)       C2C Certified v4.1 Substances List (F

SUBSTANCE NOTES:

AZARD DATA SOURCE: P	haros Chemical and Materials Lib	rary	HAZARI	D SCREENING DATE: 2025-04-07 23:49:50
5: <b>0.0000 - 1.0000</b>	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Glass component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			Nov	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	Ν
EXEMPT	European Union / European EC)	Commission (EU	EU - REACH E	exemptions
	20)		Exempted from safety	REACH Annex V listing due to intrinsic
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-04-07 23:49:51

	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
AQU	GHS - New Zealand		Hazardous to the	e aquatic environment - chronic category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Ν	Io listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
	YLIC ACID, POLYMER WITH 1,4- C ACID, 1,2-ETHANEDIOL AND			ID: <b>28433-29-6</b>
HAZARD DATA SOURCE	Pharos Chemical and Materials Library		HAZARD	SCREENING DATE: 2025-04-07 23:49:5
%: 0.0000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	arnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Ν	
				Io listings found on Additional Hazard Lists
SUBSTANCE NOTES:				lo listings found on Additional Hazard Lists
	ESIUM SALT (1:1)			
SUBSTANCE NOTES:	ESIUM SALT (1:1) Pharos Chemical and Materials Library			ID: <b>546-93-0</b>
SUBSTANCE NOTES: CARBONIC ACID, MAGN HAZARD DATA SOURCE		RC: None		ID: <b>546-93-0</b>
SUBSTANCE NOTES:	Pharos Chemical and Materials Library	RC: None	HAZARD	ID: <b>546-93-0</b> SCREENING DATE: <b>2025-04-07 23:49:5</b> 2
SUBSTANCE NOTES: CARBONIC ACID, MAGN HAZARD DATA SOURCE: %: 0.0000 - 1.0000	Pharos Chemical and Materials Library GreenScreen: BM-3dg	RC: None	HAZARD NANO: <b>No</b> WARNINGS	ID: <b>546-93-(</b> SCREENING DATE: <b>2025-04-07 23:49:5</b> 2
SUBSTANCE NOTES: CARBONIC ACID, MAGN HAZARD DATA SOURCE %: 0.0000 - 1.0000 HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: BM-3dg	RC: None	HAZARD NANO: <b>No</b> WARNINGS	ID: 546-93-0 SCREENING DATE: 2025-04-07 23:49:52 SUBSTANCE ROLE: Impurity
SUBSTANCE NOTES: CARBONIC ACID, MAGN HAZARD DATA SOURCE: %: 0.0000 - 1.0000 HAZARD TYPE None found	Pharos Chemical and Materials Library GreenScreen: BM-3dg LIST NAME AND SOURCE	RC: None	HAZARD NANO: No WARNINGS No wa	ID: 546-93-0 SCREENING DATE: 2025-04-07 23:49:52 SUBSTANCE ROLE: Impurity
SUBSTANCE NOTES: CARBONIC ACID, MAGN HAZARD DATA SOURCE %: 0.0000 - 1.0000 HAZARD TYPE None found ADDITIONAL LISTINGS	Pharos Chemical and Materials Library GreenScreen: BM-3dg LIST NAME AND SOURCE	RC: None	HAZARD NANO: No WARNINGS No wa	ID: 546-93-0 SCREENING DATE: 2025-04-07 23:49:52 SUBSTANCE ROLE: Impurity armings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: CARBONIC ACID, MAGN HAZARD DATA SOURCE: %: 0.0000 - 1.0000 HAZARD TYPE None found ADDITIONAL LISTINGS None found	Pharos Chemical and Materials Library GreenScreen: BM-3dg LIST NAME AND SOURCE	RC: None	HAZARD NANO: No WARNINGS No wa	ID: 546-93-0 SCREENING DATE: 2025-04-07 23:49:52 SUBSTANCE ROLE: Impurity arnings found on HPD Priority Hazard Lists to listings found on Additional Hazard Lists
SUBSTANCE NOTES: CARBONIC ACID, MAGN HAZARD DATA SOURCE %: 0.0000 - 1.0000 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: CALCIUM CARBONATE	Pharos Chemical and Materials Library GreenScreen: BM-3dg LIST NAME AND SOURCE	RC: None	HAZARD NANO: No WARNINGS No wa NOTIFICATION	ID: 546-93-0 SCREENING DATE: 2025-04-07 23:49:52 SUBSTANCE ROLE: Impurity armings found on HPD Priority Hazard Lists

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:		

C.I. PIGMENT BROWN 24				ID: 68186-90-3
HAZARD DATA SOURCE:	D DATA SOURCE: Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2025-04-07 23:49:52
%: 0.0000 - 1.0000	GreenScreen: BM-1	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	
RESTRICTED LIST	Cradle to Cradle Products I (C2CPII)	nnovation Institute		) Product Standard Restricted RSL) - Effective July 1, 2022
			Biological and Env	vironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products I (C2CPII)	nnovation Institute		) Product Standard Restricted RSL) - Effective July 1, 2022
			Children's Produc	ts
RESTRICTED LIST	Cradle to Cradle Products I (C2CPII)	nnovation Institute		) Product Standard Restricted RSL) - Effective July 1, 2022
			Cosmetics & Pers	onal Care Products
RESTRICTED LIST	Cradle to Cradle Products I (C2CPII)	nnovation Institute	C2C Certified v4.1 Substances - Effe	Product Standard Restricted ctive July 1, 2024
			Children's Toy Pro	oducts

C. I. PIGMENT BLUE 15					ID: 147-14-8
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ry	HAZARD S	CREENING DATE:	2025-04-07 23:49:53
%: 0.0000 - 1.0000	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE R	OLE: 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	1
POSITIVE LIST	US Environmental Protection Age EPA)	ency (US	US EPA - DfE S	Safer Chemicals Ingredients list (SCIL)
	EFA)		Colorants - Gre	een Circle (Verified Low Concern)
RESTRICTED LIST	Cradle to Cradle Products Innova (C2CPII)	tion Institute		4.1 Product Standard Restricted ffective July 1, 2024
			Cosmetics and	Personal Care Products
SUBSTANCE NOTES:				
	, 2,9-BIS(3,5-DIMETHYLPHENYL)-			ID: <b>4948-15-6</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD	O SCREENING DATE: 2025-04-07 23:49:53
%: 0.0000 - 1.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	varnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	١
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
2-PROPENOIC ACID, 2-ME	ETHYL-, BUTYL ESTER			ID: <b>97-88-1</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD	O SCREENING DATE: 2025-04-07 23:49:54
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	МАК	Sensitizing Substance Sh - Danger of skin sensitization
CAN	IARC	Group 2b - Possibly carcinogenic to humans
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]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
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]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents

C.I. PIGMENT GREEN 7				ID: <b>1328-53-6</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libr	ary	HAZARD S	CREENING DATE: 2025-04-07 23:49:5
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
POSITIVE LIST	US Environmental Protection EPA)	Agency (US	US EPA - DfE Sat	fer Chemicals Ingredients list (SCIL)
	,		Colorants - Green	Circle (Verified Low Concern)
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute	C2C Certified v4. Substances - Effe	1 Product Standard Restricted active July 1, 2024
			Cosmetics and Pe	ersonal Care Products

MAGNESIUM, [CARBONAT( )]HEXADECAHYDROXYBIS(					ID: 11097-59-9
HAZARD DATA SOURCE: F	Pharos Chemical and Materials Libr	ary	HAZARD S	SCREENING DATE:	2025-04-07 23:49:53
%: 0.0000 - 1.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE F	OLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No wa	rnings found on HPI	O Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		0 Product Standard RSL) - Effective July	

Cradle to Cradle Products Innovation Institute

Cradle to Cradle Products Innovation Institute

(C2CPII)

(C2CPII)

SUBSTANCE NOTES:

RESTRICTED LIST

RESTRICTED LIST

### **OCTADECANOIC ACID, ZINC SALT**

HAZARD DATA SOURCE:	HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-04-07 23:49:	
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
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 Inne (C2CPII)	ovation Institute		0 Product Standard Restricted RSL) - Effective July 1, 2022
			Biological and En	vironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Inne (C2CPII)	ovation Institute		0 Product Standard Restricted RSL) - Effective July 1, 2022
			Children's Produc	ts
RESTRICTED LIST	Cradle to Cradle Products Inne (C2CPII)	ovation Institute	C2C Certified v4. Substances - Effe	1 Product Standard Restricted active July 1, 2024
			Children's Toy Pro	oducts

### Infinity 2 MG Cushion Modular

ID: 557-05-1

Biological and Environmentally Released Materials

C2C Certified v4.0 Product Standard Restricted

C2C Certified v4.1 Product Standard Restricted

Substances - Effective July 1, 2024

Substances List (RSL) - Effective July 1, 2022

Children's Products

Children's Toy Products

C.I. PIGMENT YELLOW 119 ID: 68187-51					
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZARD S	CREENING DATE: 2025-04-07 23:49:54	
%: <b>0.0000 - 1.0000</b>	GreenScreen: BM-1	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			No	listings found on Additional Hazard Lists	

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	rary	HAZARD S	CREENING DATE: 2025-04-07 23	:49:5
%: <b>0.0000 - 1.0000</b>	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances H Waters	Hazardous to	Class 3 - Severe I	Hazard to Waters	
EYE	EU - GHS (H-Statements) A	EU - GHS (H-Statements) Annex 6 Table 3-1		erious eye irritation [Serious eye tion - Category 2A]	
EYE	GHS - Australia			erious eye irritation [Serious eye tion - Category 2A]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
			damage/eye irritat	, .	

BISMUTH VANADIUM OXIDE ID: 14059-33-7					
HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	brary	HAZARD S	CREENING DATE: 2025-04-07 23:49:57	
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	LIST NAME AND SOURCE	Ē	WARNINGS		
MUL	German FEA - Substances Waters	Hazardous to	Class 2 - Hazard t	o Waters	

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

## 2-ETHYLHEXYL METHYL TEREPHTHALATE

ID: 63468-13-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			SCREENING DATE: 2025-04-07 23:49:54
GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
LIST NAME AND SOURCE		WARNINGS	
		No wa	rnings found on HPD Priority Hazard Lists
LIST NAME AND SOURCE		NOTIFICATION	
		No	o listings found on Additional Hazard Lists
	GreenScreen: <b>NoGS</b>	GreenScreen: NoGS RC: None LIST NAME AND SOURCE	GreenScreen: NoGS RC: None NANO: No LIST NAME AND SOURCE WARNINGS No wa LIST NAME AND SOURCE NOTIFICATION

POLYPROPYLENE				ID: 9003-07-0
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZARI	D SCREENING DATE: 2025-04-07 23:49:55
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	٧
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: P	haros Chemical and Materials Librar	у	HAZARD S	CREENING DATE: 2025-04-07 23:49:56
%: 0.0000 - 0.1000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PBT	EC - CEPA DSL		Persistent, Bioacc to humans	cumulative and inherently Toxic (PBiTH)
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	

POLYETHYLENE				ID: 9002-88-4
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	y	HAZARD S	SCREENING DATE: 2025-04-07 23:49:57
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

2-PROPENOIC ACID, POLYMER WITH ETHENE, ZINC SALT ID: 28208-80-2 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-04-07 23:49:59 %: 0.0000 - 0.1000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Plasticizer HAZARD TYPE LIST NAME AND SOURCE WARNINGS No warnings found on HPD Priority Hazard Lists None found NOTIFICATION ADDITIONAL LISTINGS LIST NAME AND SOURCE None found No listings found on Additional Hazard Lists

PIGMENT YELLOW 147					ID: 4118-16-5
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	CREENING DATE:	2025-04-07 23:49:54
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE F	OLE: 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			No	listings found on A	dditional Hazard Lists
SUBSTANCE NOTES:					

# BENZENESULFONIC ACID, DODECYL-, BRANCHED, SODIUM SALT

	haros Chemical and Materials Librar	3		SCREENING DATE: 2025-04-07 23:49:5
%: <b>0.0000 - 0.1000</b>	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - Australia		H315 - Causes sł Category 2]	kin irritation [Skin corrosion/irritation -
EYE	GHS - Australia			erious eye irritation [Serious eye tion - Category 2A]
AQU	GHS - Australia			quatic life with long lasting effects aquatic environment (chronic) -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	o listings found on Additional Hazard Lists

SUBSTANCE NOTES:

POLY(OXY-1,2-ETHANEDIYL), α-HYDRO-ω-HYDROXY-			ID: 25322-68-3
Pharos Chemical and Materials Librar	ry	HAZARD S	SCREENING DATE: 2025-04-07 23:49:56
GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
LIST NAME AND SOURCE		WARNINGS	
		No wa	rnings found on HPD Priority Hazard Lists
LIST NAME AND SOURCE		NOTIFICATION	
Green Science Policy Institute	(GSPI)	GSPI - Six Classe	es Precautionary List
		Antimicrobials	
Green Science Policy Institute	(GSPI)	GSPI - Six Classe	es Precautionary List
		Some Solvents	
	Pharos Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE Green Science Policy Institute	Pharos Chemical and Materials Library         GreenScreen: LT-UNK       RC: None         LIST NAME AND SOURCE	Pharos Chemical and Materials Library       HAZARD S         GreenScreen: LT-UNK       RC: None       NANO: No         LIST NAME AND SOURCE       WARNINGS         No wa       No TIFICATION         Green Science Policy Institute (GSPI)       GSPI - Six Classe         Green Science Policy Institute (GSPI)       GSPI - Six Classe

13-DOCOSENAMIDE, N-O	CTADECYL-, (Z)-			ID: 10094-45-8
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARD S	CREENING DATE: 2025-04-07 23:49:57
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	rnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

# 1H-IMIDAZOLE-1-ETHANOL, 2-(HEPTADECENYL)-4,5-DIHYDRO-

ID: 27136-73-8

HAZARD DATA SOURCE: P	haros Chemical and Materials Lil	brary	HAZARD S	SCREENING DATE: 2025-04-07 23:49:
%: <b>0.0000 - 0.1000</b>	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE	E	WARNINGS	
MUL	German FEA - Substances Waters	Hazardous to	Class 3 - Severe	Hazard to Waters
SKI	GHS - Australia			evere skin burns and eye damage [Skin n - Category 1A or 1B or 1C]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	E	NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists

BARIUM SULFATE				ID: 7727-43-7
HAZARD DATA SOURCE:	Pharos Chemical and Materials Lil	brary	HAZARD S	SCREENING DATE: 2025-04-07 23:49:55
%: 0.0000 - 0.1000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	E	WARNINGS	
CAN	MAK		Carcinogen Grou risk under MAK/B	p 4 - Non-genotoxic carcinogen with low AT levels
МАМ	GHS - Japan		repeated exposur	amage to organs through prolonged or re [Specific target organs/systemic toxicity d exposure - Category 1]

			NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innot (C2CPII)	vation Institute		Product Standard Restricted ISL) - Effective July 1, 2022
			Biological and Env	ironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innov (C2CPII)	vation Institute		Product Standard Restricted RSL) - Effective July 1, 2022
			Children's Product	S
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	vation Institute		Product Standard Restricted RSL) - Effective July 1, 2022
			Cosmetics & Perso	onal Care Products
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	vation Institute	C2C Certified v4.1 Substances - Effect	Product Standard Restricted tive July 1, 2024
			Children's Toy Pro	ducts
SUBSTANCE NOTES:				
HYDROXY-5-METHYL-, 1,2-E ETHANEDIYL) ESTER	D, 3-(1,1-DIMETHYLETHYL)-4- ETHANEDIYLBIS(OXY-2,1- Pharos Chemical and Materials Librar			ID: <b>36443-68-2</b>
	naros Chemical and Materials Librar			
		-		CREENING DATE: 2025-04-07 23:49:56
	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Antioxidant
		-		
%: 0.0000 - 0.1000	GreenScreen: LT-P1	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Antioxidant
%: <b>0.0000 - 0.1000</b> HAZARD TYPE	GreenScreen: <b>LT-P1</b> LIST NAME AND SOURCE German FEA - Substances Haz	RC: None	NANO: <b>No</b> WARNINGS	SUBSTANCE ROLE: Antioxidant
%: 0.0000 - 0.1000 HAZARD TYPE MUL	GreenScreen: <b>LT-P1</b> LIST NAME AND SOURCE German FEA - Substances Haz Waters	RC: None	NANO: <b>No</b> WARNINGS Class 3 - Severe H NOTIFICATION	SUBSTANCE ROLE: Antioxidant
%: 0.0000 - 0.1000 HAZARD TYPE MUL ADDITIONAL LISTINGS	GreenScreen: <b>LT-P1</b> LIST NAME AND SOURCE German FEA - Substances Haz Waters	RC: None	NANO: <b>No</b> WARNINGS Class 3 - Severe H NOTIFICATION	SUBSTANCE ROLE: Antioxidant
%: 0.0000 - 0.1000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found	GreenScreen: <b>LT-P1</b> LIST NAME AND SOURCE German FEA - Substances Haz Waters	RC: None	NANO: <b>No</b> WARNINGS Class 3 - Severe H NOTIFICATION	SUBSTANCE ROLE: Antioxidant
%: 0.0000 - 0.1000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: CALEDON RED 2G	GreenScreen: <b>LT-P1</b> LIST NAME AND SOURCE German FEA - Substances Haz Waters	RC: None	NANO: No WARNINGS Class 3 - Severe H NOTIFICATION No	SUBSTANCE ROLE: Antioxidant lazard to Waters listings found on Additional Hazard Lists ID: 5521-31-3
%: 0.0000 - 0.1000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: CALEDON RED 2G HAZARD DATA SOURCE: P	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters LIST NAME AND SOURCE	RC: None	NANO: No WARNINGS Class 3 - Severe H NOTIFICATION No	SUBSTANCE ROLE: Antioxidant lazard to Waters listings found on Additional Hazard Lists ID: 5521-31-3
%: 0.0000 - 0.1000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: CALEDON RED 2G HAZARD DATA SOURCE: P	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters LIST NAME AND SOURCE	RC: None	NANO: No WARNINGS Class 3 - Severe H NOTIFICATION No HAZARD SO	SUBSTANCE ROLE: Antioxidant lazard to Waters listings found on Additional Hazard Lists ID: 5521-31-3 CREENING DATE: 2025-04-07 23:49:58
%: 0.0000 - 0.1000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: CALEDON RED 2G HAZARD DATA SOURCE: P %: 0.0000 - 0.1000	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters LIST NAME AND SOURCE Pharos Chemical and Materials Librar GreenScreen: LT-UNK	RC: None	NANO: No WARNINGS Class 3 - Severe H NOTIFICATION No HAZARD SC NANO: No	SUBSTANCE ROLE: Antioxidant lazard to Waters listings found on Additional Hazard Lists ID: 5521-31-3 CREENING DATE: 2025-04-07 23:49:58
%: 0.0000 - 0.1000 HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: CALEDON RED 2G HAZARD DATA SOURCE: P %: 0.0000 - 0.1000 HAZARD TYPE	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters LIST NAME AND SOURCE Pharos Chemical and Materials Librar GreenScreen: LT-UNK	RC: None	NANO: No WARNINGS Class 3 - Severe H NOTIFICATION No HAZARD SC NANO: No	SUBSTANCE ROLE: Antioxidant lazard to Waters listings found on Additional Hazard Lists ID: 5521-31-3 CREENING DATE: 2025-04-07 23:49:58 SUBSTANCE ROLE: Pigment

## DIETHYLENE GLYCOL

ID: 111-46-6

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ry	HAZARD S	CREENING DATE: 2025-04-07 23:50:00
%: 0.0000 - 0.1000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Residual
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine D	isruptors	Potential Endocrir	ne Disruptor
MAM	GHS - Japan		repeated exposure	amage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]
REP	GHS - Japan		H361 - Suspected [Toxic to reproduc	d of damaging fertility or the unborn child tion - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute	(GSPI)	GSPI - Six Classe	es Precautionary List
			Some Solvents	
RESTRICTED LIST	Cradle to Cradle Products Inne (C2CPII)	ovation Institute		0 Product Standard Restricted RSL) - Effective July 1, 2022
			Cosmetics & Pers	onal Care Products
RESTRICTED LIST	Cradle to Cradle Products Inne (C2CPII)	ovation Institute	C2C Certified v4.1 Substances - Effe	1 Product Standard Restricted active July 1, 2024
			Cosmetics and Pe	ersonal Care Products

SUBSTANCE NOTES:

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARI	D SCREENING DATE:	2025-04-07 23:50:03
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE	Viscosity modifier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No	warnings found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	N	
None found				No listings found on Ac	lditional Hazard Lists
SUBSTANCE NOTES:					

**PETROLEUM RESINS** 

ID: 64742-16-1

%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE F	OLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No war	rnings found on HPI	D Priority Hazard List
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No	listings found on A	dditional Hazard List
SUBSTANCE NOTES:					
SORBITAN, TRI-9-OCTAE ETHANEDIYL) DERIVS., (	ECENOATE, POLY(OXY-1,2- Z,Z,Z)-				ID: <b>9005-70</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	CREENING DATE:	2025-04-07 23:49:
%: 0.0000 - 0.1000 ALT	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE R	OLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No war	rnings found on HPI	D Priority Hazard List
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found	LIST NAME AND SOURCE	ubstance to C	No	_	dditional Hazard List
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω-	ubstance to C	No	_	
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)-	ubstance to C	No	_	
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω-	ubstance to C	No. I. Pigment Blue 15.		ID: <b>9005-07</b>
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY HAZARD DATA SOURCE:	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)-	ubstance to C	No. I. Pigment Blue 15.	CREENING DATE:	ID: <b>9005-07</b>
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)- Pharos Chemical and Materials Library		No. . I. Pigment Blue 15. HAZARD S	CREENING DATE:	ID: 9005-07 2025-04-07 23:50:
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY HAZARD DATA SOURCE: %: 0.0000 - 0.1000	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)- Pharos Chemical and Materials Library GreenScreen: LT-UNK		No . I. Pigment Blue 15 HAZARD S NANO: <b>No</b> WARNINGS	CREENING DATE: SUBSTANCE F	ID: 9005-07 2025-04-07 23:50: ROLE: Lubricant
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)- Pharos Chemical and Materials Library GreenScreen: LT-UNK		No . I. Pigment Blue 15 HAZARD S NANO: <b>No</b> WARNINGS	CREENING DATE: SUBSTANCE F	ID: 9005-07 2025-04-07 23:50: ROLE: Lubricant
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)- Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE		No I. Pigment Blue 15. HAZARD S NANO: <b>No</b> WARNINGS No war NOTIFICATION	SUBSTANCE F	ID: <b>9005-07</b> <b>2025-04-07 23:50:</b> ROLE: <b>Lubricant</b> D Priority Hazard List
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found ADDITIONAL LISTINGS	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)- Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE		No I. Pigment Blue 15. HAZARD S NANO: <b>No</b> WARNINGS No war NOTIFICATION	SUBSTANCE F	ID: <b>9005-07</b> <b>2025-04-07 23:50:</b> ROLE: <b>Lubricant</b> D Priority Hazard List
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found ADDITIONAL LISTINGS None found	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)- Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE		No I. Pigment Blue 15. HAZARD S NANO: <b>No</b> WARNINGS No war NOTIFICATION	SUBSTANCE F	ID: <b>9005-07</b> <b>2025-04-07 23:50:</b> ROLE: <b>Lubricant</b> D Priority Hazard List
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found ADDITIONAL LISTINGS None found	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)- Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE		No I. Pigment Blue 15. HAZARD S NANO: <b>No</b> WARNINGS No war NOTIFICATION	SUBSTANCE F	ID: 9005-07 2025-04-07 23:50: ROLE: Lubricant D Priority Hazard List dditional Hazard List
None found SUBSTANCE NOTES: AL POLY(OXY-1,2-ETHANED [(1-OXO-9-OCTADECENY HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: N-BUTYL ACRYLATE	TERNATE: This substance is an alternate s IYL), α-(1-OXO-9-OCTADECENYL) -ω- L)OXY]-, (Z,Z)- Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE		No I. Pigment Blue 15. HAZARD S NANO: No WARNINGS No war NOTIFICATION No	CREENING DATE: SUBSTANCE F	ID: 9005-07 2025-04-07 23:50: ROLE: Lubricant D Priority Hazard List dditional Hazard List ID: 141-32 2025-04-07 23:50:

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	МАК	Sensitizing Substance Sh - Danger of skin sensitization
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]
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
MAM	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: vapor) - Category 3]
MAM	GHS - New Zealand	Acute inhalation toxicity category 3
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
REP	GHS - New Zealand	Reproductive toxicity category 2
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents
SUBSTANCE NOTES:		
2-PROPENOIC ACID, BUTYL E PROPENOATE, N-(HYDROXYM PROPENAMIDE AND 2-PROPE		ID: <b>61467-52-5</b>
LIAZADD DATA COUDCE. DL	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2025-04-07 23:50:06

%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	arnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Ν	lo listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
OCTADECANOIC ACID, C	ALCIUM SALT			ID: <b>1592-23-0</b>
	ALCIUM SALT Pharos Chemical and Materials Librar	у	HAZARD	ID: 1592-23-0 SCREENING DATE: 2025-04-07 23:49:59
		y RC: None	HAZARD S NANO: <b>No</b>	
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	-		SCREENING DATE: 2025-04-07 23:49:59
HAZARD DATA SOURCE: %: 0.0000 - 0.1000	Pharos Chemical and Materials Librar GreenScreen: LT-UNK	-	NANO: <b>No</b> Warnings	SCREENING DATE: 2025-04-07 23:49:59
HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE	Pharos Chemical and Materials Librar GreenScreen: LT-UNK	-	NANO: <b>No</b> Warnings	SCREENING DATE: 2025-04-07 23:49:59 SUBSTANCE ROLE: Stabilizer

STYRENE-ACRYLONITRILI	E COPOLYMERS			ID: 9003-54-7
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZAF	RD SCREENING DATE: 2025-04-07 23:50:02
%: 0.0000 - 0.1000	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		NOTIFICATIO	N
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

## DODECANSΣUREMETHYLESTER, ETHOXYLIERT, EO 6 BIS 15 MOL

ID: 9006-27-3

HAZARD DATA SOURCE	Pharos Chemical and Materials Librar	/	HAZARD S	GCREENING DATE: 2025-04-07 23:50:05
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wai	rnings found on HPD Priority Hazard Lists

%: 0.0000 - 0.1000   HAZARD TYPE   None found   ADDITIONAL LISTINGS   None found   SUBSTANCE NOTES:	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	RC: None	NANO: No WARNINGS No war NOTIFICATION No	ID: 81-33- CREENING DATE: 2025-04-07 23:50:0 SUBSTANCE ROLE: Pigment nings found on HPD Priority Hazard Lists listings found on Additional Hazard Lists ID: 105-60- CREENING DATE: 2025-04-07 23:49:5
HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES:	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b> WARNINGS No war	CREENING DATE: 2025-04-07 23:50:0 SUBSTANCE ROLE: Pigment nings found on HPD Priority Hazard Lists
HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found ADDITIONAL LISTINGS None found	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b> WARNINGS No war	CREENING DATE: 2025-04-07 23:50:0 SUBSTANCE ROLE: Pigment nings found on HPD Priority Hazard Lists
HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found ADDITIONAL LISTINGS None found	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b> WARNINGS No war	CREENING DATE: 2025-04-07 23:50:0 SUBSTANCE ROLE: Pigment nings found on HPD Priority Hazard Lists
HAZARD DATA SOURCE: %: 0.0000 - 0.1000 HAZARD TYPE None found ADDITIONAL LISTINGS	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b> WARNINGS No war	CREENING DATE: 2025-04-07 23:50:0 SUBSTANCE ROLE: Pigment nings found on HPD Priority Hazard Lists
HAZARD DATA SOURCE: %: <b>0.0000 - 0.1000</b> HAZARD TYPE	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b> WARNINGS	CREENING DATE: 2025-04-07 23:50:0 SUBSTANCE ROLE: Pigment
HAZARD DATA SOURCE: %: <b>0.0000 - 0.1000</b> HAZARD TYPE	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b> WARNINGS	CREENING DATE: 2025-04-07 23:50:0
HAZARD DATA SOURCE:		RC: None		CREENING DATE: 2025-04-07 23:50:
	Pharos Chemical and Materials Library		HAZARD S	
PIGMENT VIOLET 29				ID: <b>81-33</b>
SUBSTANCE NOTES:				
None found			No	listings found on Additional Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No war	nings found on HPD Priority Hazard Lists
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
%: <b>0.0000 - 0.1000</b>	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Carrier
	Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2025-04-07 23:50:0
	LYMER WITH HEXAHYDRO-2H-AZEPIN- IINE AND HEXANEDIOIC ACID			ID: <b>25191-90-</b>
SUBSTANCE NOTES:				•
None found SUBSTANCE NOTES:			No	listings found on Additional Hazard Lists

HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
SKI	EU - GHS (H-Statements) Annex	6 Table 3-1	H315 - Causes skin irritatio Category 2]	on [Skin corrosion/irritation -	
EYE	EU - GHS (H-Statements) Annex	6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]		
MAM	GHS - Japan		H335 - May cause respirat organ toxicity - Single expo	ory irritation [Specific target osure - Category 3]	
SKI	GHS - New Zealand		Skin irritation category 2		
EYE	GHS - New Zealand		Eye irritation category 2		
SKI	GHS - Australia		H315 - Causes skin irritatio Category 2]	on [Skin corrosion/irritation -	
EYE	GHS - Australia		H319 - Causes serious eye damage/eye irritation - Cat		
МАМ	GHS - Japan		-	organs through prolonged or c target organs/systemic toxicity re - Category 1]	
SKI	GHS - Japan		H315 - Causes skin irritatio Category 2]	on [Skin corrosion / irritation -	
SKI	GHS - New Zealand		Skin sensitisation category	1	
MAM	GHS - Japan		H371 - May cause damage organs/systemic toxicity fol Category 2]		
REP	GHS - Japan		H361 - Suspected of dama [Toxic to reproduction - Ca	ging fertility or the unborn child tegory 2]	
МАМ	Québec CSST - WHMIS 1988		Class D1A - Very toxic mai serious toxic effects	erial causing immediate and	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings	found on Additional Hazard Lists	
SUBSTANCE NOTES:					
FATTY ACIDS, COCO, ESTE	RS WITH TRIMETHYLOLPROPANE			ID: <b>73138-40-6</b>	
HAZARD DATA SOURCE: P	haros Chemical and Materials Library		HAZARD SCREENI	NG DATE: 2025-04-07 23:50:03	
%: 0.0000 - 0.1000	GreenScreen: NoGS	RC: None	NANO: No SUB	STANCE ROLE: Lubricant	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		

None found

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

None found

SUBSTANCE NOTES:

No warnings found on HPD Priority Hazard Lists

No listings found on Additional Hazard Lists

NOTIFICATION

#### HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-04-07 23:50:05 %: 0.0000 - 0.1000 GreenScreen: LT-P1 RC: None SUBSTANCE ROLE: Stabilizer NANO: No HAZARD TYPE LIST NAME AND SOURCE WARNINGS Potential Endocrine Disruptor END **TEDX - Potential Endocrine Disruptors** ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

**STEARIC ACID** 

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZA	RD SCREENING DATE: 2025-04-07 23:50:06
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No	o warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	ON
None found				No listings found on Additional Hazard Lists

MELAMINE				ID: <b>108-78-1</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	ibrary	HAZARD S	CREENING DATE: 2025-04-07 23:50:07
%: 0.0000 - 0.1000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
END	EU - SVHC List	Equivalent Concern - Prioritization List: endocrine disrupting properties cause probable serious effects to the environment or human health
MAM	EU - SVHC List	Equivalent Concern - Prioritization List
МАМ	EU - SVHC List	Equivalent Concern - Candidate List
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

# OCTADECANOIC ACID, 12-HYDROXY-, HOMOPOLYMER, OCTADECANOATE

ID: 58128-22-6

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZARD S	SCREENING DATE: 2025-04-07 23:50:0
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation cate	egory 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists

2,5-FURANDIONE, POLY	IER WITH ETHENE			ID: 9006-26-2
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARD S	SCREENING DATE: 2025-04-07 23:50:05
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists

### SODIUM POLYACRYLATE

ID: 9003-04-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-04-07 23:50:0			
%: <b>0.0000 - 0.1000</b>	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
EYE	GHS - New Zealand		Eye irritation c	ategory 2	
CAN	GHS - Japan		H351 - Suspected of causing cancer [Carcinogenic Category 2]		
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxic following repeated exposure - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	Ν	
None found				No listings found on Additional Hazard Lists	

1,3-PROPANEDIONE, 1,3-	DIPHENYL-	ID: <b>120-46-7</b>		
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD S	SCREENING DATE: 2025-04-07 23:50:07
%: 0.0000 - 0.1000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wai	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	b listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

ID: 2082-79-3

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	1	HAZAR	D SCREENING DATE: 2025-04-07 23:50:07
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation ca	ategory 2
CAN	GHS - Japan		H351 - Suspec Category 2]	ted of causing cancer [Carcinogenicity -
МАМ	GHS - Japan		repeated expo	s damage to organs through prolonged or sure [Specific target organs/systemic toxicity ated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	Ν
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

# BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, OCTADECYL ESTER

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-04-07 23:50:	
%: 0.0000 - 0.1000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
REP	GHS - Japan		H361 - Suspected [Toxic to reproduc	l of damaging fertility or the unborn child tion - Category 2]
AQU	GHS - Japan			quatic life with long lasting effects aquatic environment (chronic) -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Nc	b listings found on Additional Hazard Lists

SUBSTANCE NOTES:

# CASTOR OIL, HYDROGENATED, ETHOXYLATED

ID: 61788-85-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-04-07 23:50:05		
%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	o listings found on Additional Hazard Lists

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2025-04-07 23:50:0
%: 0.0000 - 0.1000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Haza Waters	rdous to	Class 2 - Hazard t	to Waters
MAM	GHS - Japan		-	e respiratory irritation [Specific target ngle exposure - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Nc	blistings found on Additional Hazard Lists
SUBSTANCE NOTES:				
FATTY ACIDS, C16-18				ID: 67701-03-
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2025-04-07 23:50:0
6: 0.0000 - 0.1000	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			Nc	b listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
FATTY ACIDS, MONTAN- ESTERS	WAX, 1-METHYL-1,3-PROPANEDIYL			ID: <b>73138-44-</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2025-04-07 23:50:0
6: <b>0.0000 - 0.1000</b>	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
	LIST NAME AND SOURCE		WARNINGS	
HAZARD TYPE			No war	rnings found on HPD Priority Hazard Lists
None found				

HAZARD DATA SOURCE: P	haros Chemical and Materials Librar	у	HAZARD S	CREENING DATE: 2025-04-07 23:50:03
%: <b>0.0000 - 0.1000</b>	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	CRI Green Label Plus - Carpets	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://carpet-rug.org/glp- carpets/3bdd98a6-6299-e711-81ef-fc15b4287754/	ISSUE DATE: 2004-06-07 00:00:00 EXPIRY DATE: 2025-12-31 00:00:00	CERTIFIER OR LAB: Carpet and Rug Institute
CERTIFICATION AND COMPLIANCE NOTES: GLP1024		
VOC EMISSIONS	CRI Green Label Plus - Carpets	
VOC EMISSIONS CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://carpet-rug.org/glp- carpets/8cf3d4c4-6199-e711-81ef-fc15b4287754/	<b>CRI Green Label Plus - Carpets</b> ISSUE DATE: 2004-06-07 00:00:00 EXPIRY DATE: 2025-12-31 00:00:00	CERTIFIER OR LAB: Carpet and Rug Institute

# 😑 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.

### MANNINGTON COMMERCIAL INFINITY® ADHESIVE

MANUFACTURER (OR GENERIC): Mannington

### HPD URL: No HPD Available

### ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: The recommended method for installing Infinity® 2 modular carpet tile (or plank) is to use the full adhesive method with Mannington Commercial INFINITY® adhesive. The instructions for this installation procedure can be found on the Mannington Commercial web site (http://www.manningtoncommercial.com).

### FRELOCK TABS®

MANUFACTURER (OR GENERIC): Mannington

### HPD URL: No HPD Available

### ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: A dry installation system with the flexibility to be a floating floor or to adhere to the subfloor. FreLock Tabs® are applied directly to the back of each carpet tile during installation—odorless, clean, hassle-free, and designed to perform. The full specifications can be found on the Mannington Commercial web site (http://www.manningtoncommercial.com).

# Section 5: General Notes

This HPD covers all modular carpet tile with Infinity® 2 MG Cushion backing.

### MANUFACTURER INFORMATION

MANUFACTURER: Mannington Mills ADDRESS: 1844 US Highway 41 S.E. Calhoun, Georgia 30701 COUNTRY: USA WEBSITE: www.manningtoncommercial.com CONTACT NAME: Brian Kuritz TITLE: Director of Research and Development PHONE: 800-241-2262 EMAIL: Brian.kuritz@mannington.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.

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**

GreenScreen (GS)

PreC Pre-consumer recycled contentPostC Post-consumer recycled contentUNK Inclusion of recycled content is unknownNone Does not include recycled content

BM-4 Benchmark 4 (prefer-safer chemical)

**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)

#### 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<sup>TM</sup>, 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

### Infinity 2 MG Cushion Modular

for compliance with the HPD standard noted.