Profile Whiteboard by Claridge Products

Health Product Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 3117234176

CLASSIFICATION: 10 11 16.13 Fixed Markerboards

PRODUCT DESCRIPTION: The Profile Frameless Dry Erase Whiteboard features an incredibly smooth LCS Porcelain surface that delivers a great writing experience and will stand the test of time. With simple installation and no exposed fasteners, this stylish, low profile frameless whiteboard appears to float on the wall. LCS Porcelain steel accepts magnets, won't ghost or stain, and is warrantied for life

Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format

Nested Materials Method
 Basic Method

Threshold Disclosed Per

C Material

O Product

Threshold Level
○ 100 ppm
○ 1,000 ppm
○ Per GHS SDS

C Other

Residuals/Impurities Evaluation Completed in 9 of 9 Materials

Explanation(s) provided for Residuals/Impurities? • Yes • No

Nested Method / Product Threshold

For all contents above the threshold, the r Characterized	manufacturer has: • Yes • No
Provided weight and role. Screened	⊙ Yes ⊖ No
Provided screening results using HPDC-a methods.	pproved
Identified	O Yes O No
Provided name and CAS RN or other ider	ntifier.

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

MDF [WOOD DUST (HARD AND SOFT) UREA, POLYMER WITH FORMALDEHYDE AND 1,3,5-TRIAZINE-2,4,6-TRIAMINE LT-UNK UREA, POLYMER WITH FORMALDEHYDE LT-P1 | SKI DECOR PAPERS UREA LT-UNK | EYE TITANIUM DIOXIDE BM-1 * | CAN | END | MAM MELAMINE/FORMALDEHYDE RESIN LT-UNK CARBON BLACK BM-1 * CAN | EYE | MAM | PHY] STEEL BACKING [IRON, ELEMENTAL LT-P1 | END MANGANESE LT-P1 | END | MUL | REP | MAM | AQU CHROMIUM LT-P1 | END | SKI | MAM | REP | RES ZINC, ELEMENTAL LT-P1 | MUL | AQU SILICON, ELEMENTAL LT-UNK COPPER LT-P1 | MUL | AQU | MAM ALUMINUM BM-1 | END | MAM | PHY NICKEL LT-1 | CAN | MUL | RES | MAM | SKI | AQU HYDROCHLORIC ACID BM-2 | MAM | SKI | EYE | AQU BORON LT-UNK | MAM MOLYBDENUM LT-UNK | MAM | SKI | REP] ALUMINUM MOUNTING TRIM [ALUMINUM BM-1 | END | MAM | PHY MAGNESIUM LT-UNK | PHY | MAM | SKI | EYE] PORCELAIN STEEL WRITING SURFACE [UNDISCLOSED NoGS UNDISCLOSED BM-1 | CAN | MAM UNDISCLOSED BM-3dg | CAN | MAM UNDISCLOSED BM-1 | REP | MUL | MAM | SKI | EYE UNDISCLOSED LT-P1 | SKI | EYE | MAM UNDISCLOSED LT-1 | CAN | RES | GEN | SKI UNDISCLOSED BM-1 | MUL | EYE | MAM | GEN | REP UNDISCLOSED LT-P1 | MUL | AQU | MAM | EYE UNDISCLOSED BM-2 | MAM UNDISCLOSED BM-1 | END | MUL | AQU | MAM | REP UNDISCLOSED LT-UNK UNDISCLOSED BM-1 | SKI | MAM UNDISCLOSED LT-P1 | END | MUL | AQU | MAM | EYE | GEN | REP | PHY | DEV UNDISCLOSED LT-UNK | CAN UNDISCLOSED LT-1 * CAN] ALUMINUM Z-BAR MOUNTING BRACKET [ALUMINUM BM-1 END | MAM | PHY] LAMINATING ADHESIVE [UNDISCLOSED LT-UNK UNDISCLOSED NoGS UNDISCLOSED NoGS | MUL] HEX HEADLESS SCREWS [IRON, ELEMENTAL LT-P1 | END] EXTREME BOND PRIMER [UNDISCLOSED BM-4 UNDISCLOSED NoGS * | CAN | END | MAM UNDISCLOSED NoGS | CAN] PAINT [UNDISCLOSED

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [BiologicalMaterial]

This product inventory was screened to the 1000 ppm threshold.

*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.

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: SCS Indoor Advantage Gold - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?	
C Yes	
No	

PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2024-10-18 PUBLISHED DATE: 2024-10-18 EXPIRY DATE: 2027-10-18 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

DF	%: 41.2200			
RODUCT THRESHOLD: 10	000 ppm RESIDUALS AND IMP	URITIES EVALUATIO	N COMPLETED: Y	es MATERIAL TYPE: Wood or Lum
ESIDUALS AND IMPURITI	IES NOTES: Residuals and Impuriti	es were evaluated an	d determined to be	below the 1,000 ppm threshold.
THER MATERIAL NOTES:	:			
WOOD DUST (HARD AND	D SOFT)			ID: Biological Mate
HAZARD DATA SOURCE:	HPDC Special Conditions Polic	y		
%: 76.0000 - 93.0000	GreenScreen: Not Required	RC: PreC	NANO: No	MATERIAL ROLE: Structure componer
HAZARD TYPE	AGENCY AND LIST TIT	LES	WARNINGS	
	Hazard Screening	is not applicable to th	is Special Conditior	1
BIOLOGICAL MATERIAL	S CATEGORY: Tree-based materia	als		
INGREDIENT DESCRIPT	FION: Wood			
substances during norma biological materials.		d other potential haza		azards which may be found in certain
substances during norma biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE	I metabolic activities, pesticides, an	d other potential haza ZINE-		
substances during norma biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE	I metabolic activities, pesticides, an	d other potential haza ZINE-	rds or sources of ha	azards which may be found in certain
substances during norma biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE	I metabolic activities, pesticides, an	d other potential haza ZINE-	rds or sources of ha	azards which may be found in certain
substances during norma biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE:	I metabolic activities, pesticides, an FORMALDEHYDE AND 1,3,5-TRIA	d other potential haza ZINE- Library RC: None	rds or sources of ha	ID: 25036-1 SCREENING DATE: 2024-10-18 13:29
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000	I metabolic activities, pesticides, an FORMALDEHYDE AND 1,3,5-TRIA Pharos Chemical and Materials GreenScreen: LT-UNK	d other potential haza ZINE- Library RC: None	rds or sources of ha HAZARD NANO: No WARNINGS	ID: 25036-1 SCREENING DATE: 2024-10-18 13:29
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000 HAZARD TYPE	I metabolic activities, pesticides, an FORMALDEHYDE AND 1,3,5-TRIA Pharos Chemical and Materials GreenScreen: LT-UNK	d other potential haza ZINE- E Library RC: None	rds or sources of ha HAZARD NANO: No WARNINGS	ID: 25036-1 SCREENING DATE: 2024-10-18 13:29 SUBSTANCE ROLE: Polymer specie
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000 HAZARD TYPE None found	I metabolic activities, pesticides, an FORMALDEHYDE AND 1,3,5-TRIA Pharos Chemical and Materials GreenScreen: LT-UNK LIST NAME AND SOUF	d other potential haza ZINE- E Library RC: None	rds or sources of ha HAZARD NANO: No WARNINGS No w	ID: 25036-1 SCREENING DATE: 2024-10-18 13:29 SUBSTANCE ROLE: Polymer specie
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000 HAZARD TYPE None found ADDITIONAL LISTINGS	I metabolic activities, pesticides, an FORMALDEHYDE AND 1,3,5-TRIA Pharos Chemical and Materials GreenScreen: LT-UNK LIST NAME AND SOUF LIST NAME AND SOUF	d other potential haza ZINE- E Library RC: None	HAZARD HAZARD NANO: No WARNINGS No w NOTIFICATION P&W - Precautio	ID: 25036-1 SCREENING DATE: 2024-10-18 13:29 SUBSTANCE ROLE: Polymer specie
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000 HAZARD TYPE None found ADDITIONAL LISTINGS	I metabolic activities, pesticides, an FORMALDEHYDE AND 1,3,5-TRIA Pharos Chemical and Materials GreenScreen: LT-UNK LIST NAME AND SOUF LIST NAME AND SOUF	d other potential haza ZINE- E Library RC: None RCE RCE	HAZARD HAZARD NANO: No WARNINGS No w NOTIFICATION P&W - Precautio Precautionary lia avoidance	azards which may be found in certain ID: 25036-1 SCREENING DATE: 2024-10-18 13:29 SUBSTANCE ROLE: Polymer specie rarnings found on HPD Priority Hazard Lis

UREA, POLYMER WITH FORMALDEHYDE

ID: 9011-05-6

IAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARE	SCREENING DATE: 2024-10-18 13:29:
%: 0.0000 - 15.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin sensitisati	on category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	1
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precaut	ionary List
			Precautionary I avoidance	ist of substances recommended for
RESTRICTED LIST	International Living Future Ins	titute (ILFI)		Challenge 4.0 - Red List of Materials & ective April 1, 2024
			Red List substa V4.0 projects	nces to avoid in Living Building Challenge
SUBSTANCE NOTES:				

DECOR PAPERS				ID: Biological Materia
HAZARD DATA SOUR	CE: HPDC Special Conditions Poli	су		
%: 0.0000 - 5.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Coating
HAZARD TYPE	AGENCY AND LIST TI	TLES	WARNINGS	
	Hazard Screening	g is not applicable to th	is Special Conditio	n
BIOLOGICAL MATER	RIALS CATEGORY: Tree-based mater	ials		
INGREDIENT DESCR	SIPTION: Paper			
MATERIAL CONTEN	- -	ovide information on al	lergens, hyper-acc	umulation of metals, production of any toxic
substances during no biological materials.	- -			azards which may be found in certain
substances during no	T NOTES: This disclosure does not pro			
substances during no biological materials. JREA	T NOTES: This disclosure does not pro	nd other potential haza	rds or sources of h	azards which may be found in certain
substances during no biological materials. JREA	T NOTES: This disclosure does not pro	nd other potential haza	rds or sources of h	azards which may be found in certain

GHS - New Zealand

EYE

Eye irritation category 2

LIST NAME AND SOURCE

Green Science Policy Institute (GSPI)

NOTIFICATION

RESTRICTED LIST

GSPI - Six Classes Precautionary List

Antimicrobials

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE:	SOURCE: Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2024-10-18 13:29:58
%: 0.0000 - 1.2000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	1	WARNINGS	
CAN	US CDC - Occupational Ca	rcinogens	Occupational Card	cinogen**
CAN	CA EPA - Prop 65		Carcinogen - spec	ific to chemical form or exposure route**
CAN	IARC		Group 2B - Possib from occupational	bly carcinogenic to humans - inhaled sources**
CAN	МАК		•	9 3A - Evidence of carcinogenic effects o establish MAK/BAT value**
END	TEDX - Potential Endocrine	Disruptors	Potential Endocrin	e Disruptor**
CAN	MAK		Carcinogen Group risk under MAK/B/	9 4 - Non-genotoxic carcinogen with low AT levels**
CAN	IARC		Group 2b - Possib	ly carcinogenic to humans**
CAN	EU - GHS (H-Statements) A	Annex 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 d 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)

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.

MELAMINE/FORMALDEHYDE RESIN

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-18 13:29:57 %: 0.0000 - 1.2000 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 RESTRICTED LIST International Living Future Institute (ILFI) Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 Red List substances to avoid in Living Building Challenge V4.0 projects

SUBSTANCE NOTES:

CARBON BLACK				ID: 1333-86-4
HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	ibrary	HAZARD S	CREENING DATE: 2024-10-18 13:29:55
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

ID: 9003-08-1

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	МАК	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]**
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
РНҮ	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: **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.

STEEL BACKING	%: 22.9200	
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were evaluated and determined to be below the 1,000 ppm threshold.

OTHER MATERIAL NOTES:

IRON, ELEMENTAL				ID: 7439-89-6
HAZARD DATA SOURCE: P	haros Chemical and Materials Libra	ry	HAZAF	RD SCREENING DATE: 2024-10-18 13:29:55
%: 41.8000 - 61.2900	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Di	sruptors	Potential End	ocrine Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	DN
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
MANGANESE				ID: 7439-96-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-18 13:29:56	
%: 16.0000 GreenScreen: LT-P1 RC		RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disrupto	ors	Potential Endocr	ine Disruptor
MUL German FEA - Substances Hazardous to Waters		Class 3 - Severe	Hazard to Waters	
REP GHS - Japan		H360 - May dam reproduction - Ca	age fertility or the unborn child [Toxic to ategory 1B]	
MAM	GHS - Japan		repeated exposu	lamage to organs through prolonged or re [Specific target organs/systemic toxicity ed exposure - Category 1]
MAM	IAM GHS - Australia		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 3	
AQU	GHS - Japan		H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]	
AQU	GHS - Japan			aquatic life with long lasting effects e aquatic environment (chronic) -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovatio (C2CPII)	n Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Biological and Er	nvironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovatio (C2CPII)	n Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Children's Produ	cts
SUBSTANCE NOTES:				

CHROMIUM				ID: 7440-47-3
HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	brary	HAZARD	SCREENING DATE: 2024-10-18 13:29:57
%: 0.0100 - 12.5000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	МАК	Sensitizing Substance Sh - Danger of skin sensitization
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
REP	GHS - New Zealand	Reproductive toxicity category 2
RES	GHS - Japan	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]

LIST NAME AND SOURCE	NOTIFICATION
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
Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
	Children's Products
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
	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute

ZINC, ELEMENTAL ID: 7440-66-6 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-18 13:29:58 %: 10.0000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Galvanizing HAZARD TYPE LIST NAME AND SOURCE WARNINGS MUL German FEA - Substances Hazardous to Class 3 - Severe Hazard to Waters Waters AQU GHS - New Zealand Hazardous to the aquatic environment - acute category 1 AQU GHS - New Zealand Hazardous to the aquatic environment - chronic category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Class	ses Precautionary List
			Antimicrobials	
RESTRICTED LIST	Cradle to Cradle Products Innov (C2CPII)	vation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Biological and E	nvironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innov (C2CPII)	vation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Children's Produ	cts
SUBSTANCE NOTES:				
1				
SILICON, ELEMENTAL				ID: 7440-21-3
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	y	HAZARD	SCREENING DATE: 2024-10-18 13:29:56
%: 0.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
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:				

COPPER				ID: 7440-50-8
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD	SCREENING DATE: 2024-10-18 13:29:57
%: 3.5000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
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]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
МАМ	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single 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	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

 ALUMINUM
 ID: 7429-90-5

 HAZARD DATA SOURCE:
 Pharos Chemical and Materials Library
 HAZARD SCREENING DATE: 2024-10-18 13:30:00

 %: 3.0000
 GreenScreen: BM-1
 RC: None
 NANO: No
 SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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 - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
РНҮ	GHS - Japan	H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]
РНҮ	GHS - Malaysia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
РНҮ	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
РНҮ	GHS - New Zealand	Pyrophoric solids 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

NICKEL

ID: 7440-02-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-18 13:29:59		
%: 1.0000 - 3.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	МАК	Carcinogen Group 1 - Substances that cause cancer in man
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
RES	МАК	Sensitizing Substance Sah - Danger of airway & skin sensitization
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
МАМ	EU - GHS (H-Statements) Annex 6 Table 3-1	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
CAN	GHS - New Zealand	Carcinogenicity category 2
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
МАМ	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
МАМ	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

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

HYDROCHLORIC ACID

ID: 7647-01-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-18 13:29:	
%: 3.0000	GreenScreen: BM-2 RC: None		NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOUR	CE	WARNINGS	
MAM US EPA - EPCRA Extremely Hazardous Substances		Extremely Hazard	ous Substances	
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1			vere skin burns and eye damage [Skin - Category 1A or 1B or 1C]
MAM EU - GHS (H-Statements) Annex 6 Table 3-1		H331 - Toxic if inh Category 3]	aled [Acute toxicity (inhalation) -	
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 - Japan	GHS - Japan		mage to organs [Specific target oxicity following single exposure -
EYE	GHS - New Zealand		Serious eye damage category 1	
EYE	GHS - Japan		H318 - Causes serious eye damage [Serious eye damage eye irritation - Category 1]	
SKI GHS - Japan		H314 - Causes severe skin burns and eye damage [Ski corrosion / irritation - Category 1]		
SKI	SKI GHS - Australia		H314 - Causes severe skin burns and eye damage [S corrosion/irritation - Category 1A or 1B or 1C]	
MAM	GHS - New Zealand		Acute inhalation to	oxicity category 2
AQU GHS - Japan		H400 - Very toxic to aquatic life [Hazardous to the aquati environment (acute) - Category 1]		

AQU	GHS - Korea	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1B
MAM	GHS - Korea	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
MAM	GHS - Malaysia	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
SKI	GHS - Malaysia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
EYE	GHS - Malaysia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
MAM	GHS - Australia	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]
MAM	GHS - Japan	H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]
MAM	GHS - Korea	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	GHS - Korea	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
МАМ	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: gas) - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
SUBSTANCE NOTES:		

BORON		ID: 7440-42-8		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD	SCREENING DATE: 2024-10-18 13:29:58
%: 1.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
МАМ	GHS - Japan		,	se damage to organs [Specific target toxicity following single exposure -

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

MOLYBDENUM

ID: 7439-98-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-18 13:29	
%: 1.1000 Green	Screen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan			se respiratory irritation [Specific target ingle exposure - Category 3]
SKI	GHS - Japan		H315 - Causes s Category 2]	kin irritation [Skin corrosion / irritation -
REP	GHS - New Zealand		Reproductive to>	icity category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Ν	lo listings found on Additional Hazard Lists

SUBSTANCE NOTES:

ALUMINUM MOUNTING TRIM	%: 16.2200				
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES	S EVALUATIO	N COMPLETE	ED: Yes	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: R	esiduals and Impurities were eva	aluated and de	termined to be	e below the 1,000 p	pm threshold.
OTHER MATERIAL NOTES:					
ALUMINUM					ID: 7429-90-5
HAZARD DATA SOURCE: Pharos Che	mical and Materials Library		HAZARI	D SCREENING DA	TE: 2024-10-18 13:29:59
%: 97.3000 - 99.3500 Gre	enScreen: BM-1 F	RC: Both	NANO: No	SUBSTANCE ROL	E: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
МАМ	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	GHS - Japan	H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]
PHY	GHS - Malaysia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
РНҮ	GHS - New Zealand	Pyrophoric solids 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

SUBSTANCE NOTES: Aluminum ingots used in extrusion are produced with both pre and post consumer recycled material. Percentages may vary.

MAGNESIUM				ID: 7439-95-4
HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	rary	HAZARD	SCREENING DATE: 2024-10-18 13:29:59
%: 0.4500 - 0.9000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
РНҮ	EU - GHS (H-Statements) Annex 6 Table 3-1	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
РНҮ	GHS - Australia	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
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:		

PORCELAIN STEEL WRITING SURFACE %: 15.8100 PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Ceramic

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were evaluated and determined to be below the 1,000 ppm threshold. Supplier provided the substance composition ranges as shown and the ranges exceed typical inventory weight percentages as a means to protect IP.

OTHER MATERIAL NOTES:

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: F	haros Chemical and Materials Librar	y	HAZA	RD SCREENING DATE: 2024-10-18 13:30:00
%: 95.0000 Gr	eenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No	o warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATI	ON
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Substance is the intellectual property of the supplier and confidential

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-18 13:29:59 %: 0.0000 - 5.0000 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Polymer species HAZARD TYPE LIST NAME AND SOURCE WARNINGS CAN GHS - Japan H350 - May cause cancer [Carcinogenicity - Category 1A] GHS - Australia H350i - May cause cancer by inhalation [Carcinogenicity -CAN Category 1A or 1B] 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] GHS - Australia MAM H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity repeated exposure - Category 1] ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION RESTRICTED LIST **GSPI - Six Classes Precautionary List** Green Science Policy Institute (GSPI) Antimicrobials

SUBSTANCE NOTES: Substance is the intellectual property of the supplier and confidential

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ry	HAZARI	SCREENING DATE: 2024-10-18 13:36:24
%: 0.0000 - 5.0000	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN MAK		Carcinogen Gro risk under MAK	oup 4 - Non-genotoxic carcinogen with low //BAT levels	
MAM	GHS - Japan		-	use respiratory irritation [Specific target Single exposure - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	١
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Subs	stance is the intellectual property of the	supplier and cor	nfidential	
UNDISCLOSED				ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-10-18 13:30:22

UNDISCLOSED

%: 0.0000 - 5.0000	GreenScreen: BM-1 RC: No	NANO: No SUBSTANCE ROLE: Polymer species		
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B		
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]		
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]		
REP	GHS - Korea	H360 - May damage fertility or the unborn child [Reproductive toxicity - Category 1]		
REP	EU - GHS (H-Statements) Annex 6 Table	3-1 H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]		
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		
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]		
REP	EU - SVHC List	Toxic to reproduction - Candidate list		
REP	EU - SVHC List	Toxic to reproduction - Prioritized for listing		
REP	EU - REACH Annex XVII CMRs	Reproductive toxicants: Category 1B		
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 Insti (C2CPII)	tute 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 Insti (C2CPII)	tute C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Children's Products		
RESTRICTED LIST	Cradle to Cradle Products Innovation Insti (C2CPII)	tute C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Formulated Consumer Products		
SUBSTANCE NOTES: Substar	SUBSTANCE NOTES: Substance is the intellectual property of the supplier and confidential			
UNDISCLOSED		ID: Undisclosed		
HAZARD DATA SOURCE: Pha	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-18 13:35:53		

%: 0.0000 - 5.0000

GreenScreen: LT-P1

RC: None

NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1B
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
MAM	GHS - Korea	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARI	O SCREENING DATE: 2024-10-18 13:35:23
%: 0.0000 - 5.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		Carcinogen Gro man	oup 2 - Considered to be carcinogenic for
RES	МАК		Sensitizing Sub sensitization	ostance Sah - Danger of airway & skin
GEN	МАК		Germ Cell Muta	agen 3a
CAN	GHS - New Zealand		Carcinogenicity	v category 2
SKI	GHS - New Zealand		Skin sensitisati	on 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

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE:	AZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARI	SCREENING DATE: 2024-10-18 13:34:50
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Ha Waters	zardous to	Class 3 - Sever	e Hazard to Waters
EYE	GHS - New Zealand		Eye irritation ca	itegory 2
МАМ	GHS - Japan		repeated expos	damage to organs through prolonged or sure [Specific target organs/systemic toxicity ted exposure - Category 1]
GEN	GHS - Japan		H341 - Suspec mutagenicity - (ted of causing genetic defects [Germ cell Category 2]
MAM	GHS - Australia		repeated expos	damage to organs through prolonged or sure [Specific target organ toxicity - sure - Category 1]
MAM	GHS - New Zealand		Specific target	organ toxicity - repeated exposure category
MAM	GHS - Japan			damage to organs [Specific target c toxicity following single exposure -
МАМ	GHS - New Zealand		Acute inhalation	n toxicity category 2
REP	GHS - New Zealand		Reproductive to	oxicity category 2
REP	GHS - New Zealand		Effects on or vi	a lactation

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

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	У	HAZARD	D SCREENING DATE: 2024-10-18 13:34:
%: 0.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Ha: Waters	zardous to	Class 2 - Hazaı	rd to Waters
AQU	EU - GHS (H-Statements) Anno	ex 6 Table 3-1	-	kic to aquatic life [Hazardous to the aquatic cute) - Category 1]
AQU	EU - GHS (H-Statements) Anno	ex 6 Table 3-1		kic to aquatic life with long lasting effects the aquatic environment (chronic) -
MAM	GHS - Japan			use respiratory irritation [Specific target Single exposure - Category 3]
EYE	GHS - New Zealand		Eye irritation ca	ategory 2
MAM	GHS - Japan			damage to organs [Specific target c toxicity following single exposure -
AQU	GHS - New Zealand		Hazardous to th	he aquatic environment - acute category 1
AQU	GHS - Japan			kic to aquatic life [Hazardous to the aquatic cute) - Category 1]
AQU	GHS - Japan		-	kic to aquatic life with long lasting effects the aquatic environment (chronic) -
AQU	GHS - Australia		-	kic to aquatic life with long lasting effects the aquatic environment (chronic) -
AQU	GHS - New Zealand		Hazardous to the	he aquatic environment - chronic category

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GS	PI) GSPI - Six Classes Precautionary List
		Antimicrobials
SUBSTANCE NOTES: Subst	ance is the intellectual property of the supp	plier and confidential
JNDISCLOSED		ID: Undisclose
HAZARD DATA SOURCE: P	haros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-18 13:33:4
%: 0.0000 - 5.0000	GreenScreen: BM-2	RC: None NANO: No SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
МАМ	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 (C2CPII)	on Institute 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 (C2CPII)	on Institute C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
SUBSTANCE NOTES: Subst	ance is the intellectual property of the supp	plier and confidential
JNDISCLOSED		ID: Undisclose
HAZARD DATA SOURCE: P	haros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-18 13:33:2
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None NANO: No SUBSTANCE ROLE: Polymer species

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]
МАМ	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
SUBSTANCE NOTES: Substar	nce is the intellectual property of the supplier and con	fidential
	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-18 13:30:5

HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			Nov	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Substa	nce is the intellectual property of the s	upplier and con	fidential	
ALTERNATE: This substance	is an alternate substance to Boron oxi	de.		
UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Librar	/	HAZARI	D SCREENING DATE: 2024-10-18 13:31:32
%: 0.0000 - 5.0000 ALT	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			Nov	warnings found on HPD Priority Hazard Lists
			NOTIFICATION	N
ADDITIONAL LISTINGS	LIST NAME AND SOURCE			4
None found SUBSTANCE NOTES: Substa	LIST NAME AND SOURCE nce is the intellectual property of the s is an alternate substance to Boron oxi			No listings found on Additional Hazard Lists
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance	nce is the intellectual property of the s			No listings found on Additional Hazard Lists
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance	nce is the intellectual property of the s is an alternate substance to Boron oxi	de.	fidential	No listings found on Additional Hazard Lists
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance	nce is the intellectual property of the s	de.	fidential	No listings found on Additional Hazard Lists
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Ph	nce is the intellectual property of the s is an alternate substance to Boron oxi aros Chemical and Materials Librar	de. V	fidential	No listings found on Additional Hazard Lists ID: Undisclosed D SCREENING DATE: 2024-10-18 13:32:07
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Ph %: 0.0000 - 5.0000 ALT	nce is the intellectual property of the s is an alternate substance to Boron oxi aros Chemical and Materials Librar GreenScreen: LT-UNK	de. V	fidential HAZARI NANO: No WARNINGS	No listings found on Additional Hazard Lists ID: Undisclosed D SCREENING DATE: 2024-10-18 13:32:07
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Ph %: 0.0000 - 5.0000 ALT HAZARD TYPE	nce is the intellectual property of the s is an alternate substance to Boron oxi aros Chemical and Materials Librar GreenScreen: LT-UNK	de. V	fidential HAZARI NANO: No WARNINGS	No listings found on Additional Hazard Lists ID: Undisclosed D SCREENING DATE: 2024-10-18 13:32:07 SUBSTANCE ROLE: Polymer species warnings found on HPD Priority Hazard Lists
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Ph %: 0.0000 - 5.0000 ALT HAZARD TYPE None found	nce is the intellectual property of the s is an alternate substance to Boron oxi aros Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE	de. V	fidential HAZARI NANO: No WARNINGS No v	No listings found on Additional Hazard Lists ID: Undisclosed D SCREENING DATE: 2024-10-18 13:32:07 SUBSTANCE ROLE: Polymer species warnings found on HPD Priority Hazard Lists
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Ph %: 0.0000 - 5.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found	nce is the intellectual property of the s is an alternate substance to Boron oxi aros Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE	de. / RC: None	fidential HAZARI NANO: No WARNINGS No v NOTIFICATION	No listings found on Additional Hazard Lists ID: Undisclosed D SCREENING DATE: 2024-10-18 13:32:07 SUBSTANCE ROLE: Polymer species warnings found on HPD Priority Hazard Lists
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Phate %: 0.0000 - 5.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	nce is the intellectual property of the s is an alternate substance to Boron oxi aros Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	de. Y RC: None	fidential HAZARI NANO: No WARNINGS No v NOTIFICATION	No listings found on Additional Hazard Lists ID: Undisclosed D SCREENING DATE: 2024-10-18 13:32:07 SUBSTANCE ROLE: Polymer species warnings found on HPD Priority Hazard Lists
None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Phate %: 0.0000 - 5.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	nce is the intellectual property of the s is an alternate substance to Boron oxi aros Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	de. Y RC: None	fidential HAZARI NANO: No WARNINGS No v NOTIFICATION	No listings found on Additional Hazard Lists ID: Undisclosed D SCREENING DATE: 2024-10-18 13:32:07 SUBSTANCE ROLE: Polymer species warnings found on HPD Priority Hazard Lists

%: 0.0000 - 5.0000 ALT	GreenScreen: BM-2 RC	: None NANO: No SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - 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 - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1C
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials

ALTERNATE: This substance is an alternate substance to Boron oxide.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Lib	orary	HAZARI	D SCREENING DATE: 2024-10-18 13:44:28
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
EYE	GHS - New Zealand	Eye irritation category 2
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]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
REP	GHS - New Zealand	Reproductive toxicity category 2
REP	EU - SVHC List	Toxic to reproduction - Candidate list
REP	EU - SVHC List	Toxic to reproduction - Prioritized for listing
REP	EU - REACH Annex XVII CMRs	Reproductive toxicants: Category 1B
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 v4.0 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

ALTERNATE: This substance is an alternate substance to Boron oxide.

HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library	HAZARE	SCREENING DATE: 2024-10-18 13:40:1	
6: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK RC: N	one NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
EYE	GHS - New Zealand	Eye irritation ca	ategory 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	١	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Substa	nce is the intellectual property of the supplier an	d confidential		
ALTERNATE: This substance	s an alternate substance to Kaolin.			
INDISCLOSED			ID: Undisclose	
IAZARD DATA SOURCE: Pha	aros Chemical and Materials Library	HAZARE	O SCREENING DATE: 2024-10-18 13:44:5	
6: 0.0000 - 1.0000	GreenScreen: LT-UNK RC: N	one NANO: No	SUBSTANCE ROLE: Dispersant	
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	
EXEMPT	European Union / European Commission EC)	(EU EU - REACH E	EU - REACH Exemptions	
		Exempted from safety	REACH Annex IV listing due to intrinsic	
	5 <i>,</i> (Safer Chemicals Ingredients list (SCIL)	
POSITIVE LIST				
POSITIVE LIST	US Environmental Protection Agency (US EPA)		ts - Green Circle (Verified Low Concern)	
		Chelating Agen	nts - Green Circle (Verified Low Concern)	
	EPA)	Chelating Agen	nts - Green Circle (Verified Low Concern)	
	EPA)	Chelating Agen	nts - Green Circle (Verified Low Concern)	
	EPA)	Chelating Agen	its - Green Circle (Verified Low Concern)	
	EPA)	Chelating Agen	nts - Green Circle (Verified Low Concern)	

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	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)**
CAN	МАК	Carcinogen Group 1 - Substances that cause cancer in man**
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**
CAN	IARC	Group 1 - Agent is Carcinogenic to humans**
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen**
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]**
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**
CAN	GHS - New Zealand	Carcinogenicity category 1**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**
МАМ	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

ALTERNATE: This substance is an alternate substance to Boron oxide.

**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.

UN	DIS	CLC	SEI	D

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-18 13:46:34		
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

	LIST NAME AND SOURCE	WARNINGS
SKI	МАК	Sensitizing Substance Sh - Danger of skin sensitization
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
		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
SUBSTANCE NOTES: Substa	ance is the intellectual property of the supplier and co	nfidential
UNDISCLOSED		ID: Undisclosed
HAZARD DATA SOURCE: Pr	naros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-18 13:47:16
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK RC: None	NANO: No SUBSTANCE ROLE: Pigment
%: 0.0000 - 1.0000 ALT HAZARD TYPE	GreenScreen: LT-UNK RC: None LIST NAME AND SOURCE	NANO: No SUBSTANCE ROLE: Pigment WARNINGS
HAZARD TYPE		WARNINGS
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS No warnings found on HPD Priority Hazard Lists
HAZARD TYPE None found ADDITIONAL LISTINGS None found	LIST NAME AND SOURCE	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists
HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	LIST NAME AND SOURCE	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists
HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	LIST NAME AND SOURCE	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists
HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	LIST NAME AND SOURCE	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists nfidential
HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance	LIST NAME AND SOURCE	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists nfidential ID: Undisclosed
HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance	LIST NAME AND SOURCE LIST NAME AND SOURCE ance is the intellectual property of the supplier and co	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists nfidential ID: Undisclosed
HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Pr	LIST NAME AND SOURCE	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists nfidential ID: Undisclosed HAZARD SCREENING DATE: 2024-10-18 13:47:59
HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT	LIST NAME AND SOURCE LIST NAME AND SOURCE ance is the intellectual property of the supplier and co is an alternate substance to Chromium (III) Oxide. haros Chemical and Materials Library GreenScreen: LT-1 RC: None	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists nfidential ID: Undisclosed HAZARD SCREENING DATE: 2024-10-18 13:47:59 NANO: No SUBSTANCE ROLE: Pigment
HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE	LIST NAME AND SOURCE LIST NAME AND SOURCE ance is the intellectual property of the supplier and co is an alternate substance to Chromium (III) Oxide. haros Chemical and Materials Library GreenScreen: LT-1 RC: None LIST NAME AND SOURCE	WARNINGS No warnings found on HPD Priority Hazard Lists NOTIFICATION No listings found on Additional Hazard Lists Infidential ID: Undisclosed HAZARD SCREENING DATE: 2024-10-18 13:47:59 NANO: No SUBSTANCE ROLE: Pigment WARNINGS Carcinogen Group 2 - Considered to be carcinogenic for

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

ALTERNATE: This substance is an alternate substance to Chromium (III) Oxide.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Ph	aros Chemical and Materials Libra	ry	HAZARD S	SCREENING DATE: 2024-10-18 13:48:4
%: 0.0000 - 1.0000 ALT	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 for classification**
МАМ	GHS - Japan		repeated exposur	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			No	b listings found on Additional Hazard Lists

SUBSTANCE NOTES: Substance is the intellectual property of the supplier and confidential

ALTERNATE: This substance is an alternate substance to Chromium (III) Oxide.

**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.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: PI	haros Chemical and Materials Libra	iry	HAZARD S	CREENING DATE: 2024-10-18 13:49:34
%: 0.0000 - 1.0000 ALT	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	b listings found on Ac	lditional Hazard Lists
SUBSTANCE NOTES: Subs	tance is the intellectual property of the s	upplier and con	fidential		
ALTERNATE: This substance	e is an alternate substance to Chromiun	n (III) Oxide.			
JNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE: P	haros Chemical and Materials Librar	/	HAZARD S	CREENING DATE:	2024-10-18 13:50:1
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE R	OLE: 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		
None found			No	listings found on Ac	Iditional Hazard Lists
	tance is the intellectual property of the s e is an alternate substance to Chromiun		fidential		
ALTERNATE: This substance			fidential		ID: Undisclose
ALTERNATE: This substance		n (III) Oxide.		SCREENING DATE:	
ALTERNATE: This substance	e is an alternate substance to Chromiun	n (III) Oxide.		CREENING DATE: SUBSTANCE R	2024-10-18 13:51:0
ALTERNATE: This substance JNDISCLOSED HAZARD DATA SOURCE: P 6: 0.0000 - 1.0000 ALT	e is an alternate substance to Chromiun	n (III) Oxide.	HAZARD S		2024-10-18 13:51:0
ALTERNATE: This substance	e is an alternate substance to Chromiun Pharos Chemical and Materials Librar GreenScreen: LT-UNK	n (III) Oxide.	HAZARD S NANO: No WARNINGS	SUBSTANCE R	2024-10-18 13:51:0 OLE: Pigment
ALTERNATE: This substance JNDISCLOSED HAZARD DATA SOURCE: P 6: 0.0000 - 1.0000 ALT HAZARD TYPE	e is an alternate substance to Chromiun Pharos Chemical and Materials Librar GreenScreen: LT-UNK	n (III) Oxide.	HAZARD S NANO: No WARNINGS	SUBSTANCE R	2024-10-18 13:51:0 OLE: Pigment
ALTERNATE: This substance JNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE None found	e is an alternate substance to Chromiun Pharos Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE	n (III) Oxide.	HAZARD S NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE R	2024-10-18 13:51:0 OLE: Pigment
ALTERNATE: This substance JNDISCLOSED HAZARD DATA SOURCE: P 6: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found	e is an alternate substance to Chromiun Pharos Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE	n (III) Oxide.	HAZARD S NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE R	2024-10-18 13:51:0
ALTERNATE: This substance JNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subst	e is an alternate substance to Chromiun Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	n (III) Oxide.	HAZARD S NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE R	2024-10-18 13:51:0
ALTERNATE: This substance JNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subst	e is an alternate substance to Chromiun Pharos Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE tance is the intellectual property of the s	n (III) Oxide.	HAZARD S NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE R	2024-10-18 13:51:0
ALTERNATE: This substance JNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subst ALTERNATE: This substance	e is an alternate substance to Chromiun Pharos Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE tance is the intellectual property of the s	n (III) Oxide.	HAZARD S NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE R	2024-10-18 13:51:0 OLE: Pigment Priority Hazard Lists Iditional Hazard Lists
ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subst ALTERNATE: This substance	e is an alternate substance to Chromiun Pharos Chemical and Materials Librar GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE tance is the intellectual property of the s	n (III) Oxide.	HAZARD S NANO: No WARNINGS No war NOTIFICATION No	SUBSTANCE R	Priority Hazard Lists

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Substan	ce is the intellectual property of the supplier and co	onfidential
ALTERNATE: This substance is	an alternate substance to Sodium nitrite.	
UNDISCLOSED		ID: Undisclosed
	ros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-18 13:42:53
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-P1 RC: None	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Substan	ce is the intellectual property of the supplier and co	onfidential
ALTERNATE: This substance is	an alternate substance to Sodium nitrite.	
1		
UNDISCLOSED		ID: Undisclosed

HAZARD TYPE	LIST NAME AND SOURCE	WARNIN	GS
None found			No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFIC	ATION
None found			No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Subs	tance is the intellectual property of th	e supplier and confidential	
ALTERNATE: This substanc	e is an alternate substance to Sodiur	n nitrite.	
UNDISCLOSED			ID: Undisclosed
HAZARD DATA SOURCE: P	haros Chemical and Materials Lib	r ary HA	ZARD SCREENING DATE: 2024-10-18 13:41:25
%: 0.0000 - 1.0000	GreenScreen: LT-P1	RC: None NAN	O: 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 2 - 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]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
EYE	GHS - New Zealand	Eye irritation category 2
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
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 - New Zealand	Hazardous to the aquatic environment - chronic category 2
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 - Korea	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
МАМ	GHS - Korea	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
GEN	GHS - New Zealand	Germ cell mutagenicity category 2
MAM	GHS - Australia	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	GHS - New Zealand	Acute oral toxicity category 3
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
AQU	GHS - Australia	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
MAM	GHS - Japan	H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]
РНҮ	GHS - Korea	H272 - May intensify fire; oxidizer [Oxidizing solids - Category 2]
DEV	GHS - Japan	H362 - May cause harm to breast-fed children [Developmental Toxicity - May cause harm to breast-fed children]

%: 0.0000 - 1.0000 HAZARD TYPE CAN ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Su	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE MAK LIST NAME AND SOURCE bstance is the intellectual property of the su Pharos Chemical and Materials Library	RC: None	NANO: No WARNINGS Carcinogen Gro but not sufficier NOTIFICATION	ID: Undisclose O SCREENING DATE: 2024-10-18 13:38:3 SUBSTANCE ROLE: Polymer species oup 3B - Evidence of carcinogenic effects at for classification N No listings found on Additional Hazard Lists ID: Undisclose O SCREENING DATE: 2024-10-18 13:37:5
AZARD DATA SOURCE: 6: 0.0000 - 1.0000 HAZARD TYPE CAN ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Su	GreenScreen: LT-UNK LIST NAME AND SOURCE MAK LIST NAME AND SOURCE	RC: None	NANO: No WARNINGS Carcinogen Gro but not sufficien	O SCREENING DATE: 2024-10-18 13:38: SUBSTANCE ROLE: Polymer species oup 3B - Evidence of carcinogenic effects nt for classification
AZARD DATA SOURCE: 6: 0.0000 - 1.0000 HAZARD TYPE CAN ADDITIONAL LISTINGS None found	GreenScreen: LT-UNK LIST NAME AND SOURCE MAK LIST NAME AND SOURCE	RC: None	NANO: No WARNINGS Carcinogen Gro but not sufficien	O SCREENING DATE: 2024-10-18 13:38: SUBSTANCE ROLE: Polymer species bup 3B - Evidence of carcinogenic effects nt for classification
AZARD DATA SOURCE: 6: 0.0000 - 1.0000 HAZARD TYPE CAN ADDITIONAL LISTINGS None found	GreenScreen: LT-UNK LIST NAME AND SOURCE MAK LIST NAME AND SOURCE	RC: None	NANO: No WARNINGS Carcinogen Gro but not sufficien	O SCREENING DATE: 2024-10-18 13:38: SUBSTANCE ROLE: Polymer species bup 3B - Evidence of carcinogenic effects nt for classification
IAZARD DATA SOURCE: 6: 0.0000 - 1.0000 HAZARD TYPE CAN ADDITIONAL LISTINGS	GreenScreen: LT-UNK LIST NAME AND SOURCE MAK		NANO: No WARNINGS Carcinogen Gro but not sufficien	SUBSTANCE ROLE: Polymer species SUBSTANCE ROLE: Polymer species Dup 3B - Evidence of carcinogenic effects ant for classification
AZARD DATA SOURCE: :: 0.0000 - 1.0000 HAZARD TYPE CAN	GreenScreen: LT-UNK LIST NAME AND SOURCE MAK		NANO: No WARNINGS Carcinogen Gro but not sufficien	O SCREENING DATE: 2024-10-18 13:38: SUBSTANCE ROLE: Polymer species oup 3B - Evidence of carcinogenic effects nt for classification
AZARD DATA SOURCE: 5: 0.0000 - 1.0000 HAZARD TYPE	GreenScreen: LT-UNK		NANO: No WARNINGS Carcinogen Gro	SUBSTANCE ROLE: Polymer species
AZARD DATA SOURCE:	GreenScreen: LT-UNK		NANO: No	O SCREENING DATE: 2024-10-18 13:38:
AZARD DATA SOURCE:				D SCREENING DATE: 2024-10-18 13:38:
	Pharos Chemical and Materials Library		HAZARI	
NDISCLOSED				ID: Undisclos
	bstance is the intellectual property of the sunce is an alternate substance to Kaolin.	Ipplier and con	fidential	
None found				No listings found on Additional Hazard List
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	١
None found			No v	varnings found on HPD Priority Hazard List
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
AZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARI	SCREENING DATE: 2024-10-18 13:41:
UNDISCLOSED HAZARD DATA SOURCE: %: 0.0000 - 1.0000 ALT HAZARD TYPE	GreenScreen: LT-UNK		NANO: No	
SUBSTANCE NOTES: SU	bstance is the intellectual property of the su	pplier and con	fidential	
				No listings found on Additional Hazard List
None found				

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

ALTERNATE: This substance is an alternate substance to Titanium dioxide (Rutile).

UNDISCLOSED

ID: Undisclosed

AZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-18 13:37:			
%: 0.0000 - 1.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	AN CA EPA - Prop 65		Occupational Carcinogen** Carcinogen - specific to chemical form or exposure route* Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**		
CAN					
CAN					
CAN	МАК		0	oup 3A - Evidence of carcinogenic effects nt to establish MAK/BAT value**	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	٨	
RESTRICTED LIST	Cradle to Cradle Products Inr (C2CPII)	novation Institute		4.0 Product Standard Restricted tt (RSL) - Effective July 1, 2022	
			Cosmetics & Po	ersonal Care Products	

SUBSTANCE NOTES: Substance is the intellectual property of the supplier and confidential

**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.

ALUMINUM Z-BAR MOUNTING BRACKET

%: 1.4500

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were evaluated and determined to be below the 1,000 ppm threshold.

OTHER MATERIAL NOTES:

ALUMINUM

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	7	HAZARD SCREENING DATE: 2024-10-18 13:30:00		
%: 97.3000 - 99.3500	GreenScreen: BM-1	RC: Both	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disi	ruptors	Potential Enc	docrine Disruptor	
MAM	MAM GHS - Japan		repeated exp	es damage to organs through prolonged or osure [Specific target organs/systemic toxicity eated exposure - Category 1]	
MAM	GHS - Japan			es damage to organs [Specific target mic toxicity following single exposure -	
РНҮ	GHS - Japan		[Substances	ntact with water releases flammable gas and mixtures, which in contact with water, ble gases - Category 2]	
РНҮ	GHS - Malaysia			es fire spontaneously if exposed to air quids; Pyrophoric solids - Category 1]	
РНҮ	GHS - Australia			es fire spontaneously if exposed to air quids; Pyrophoric solids - Category 1]	
PHY	GHS - New Zealand		Pyrophoric so	blids category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	N	
RESTRICTED LIST	Cradle to Cradle Products Innov (C2CPII)	ation Institute		d v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022	
			Biological and	d Environmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Innov (C2CPII)	ation Institute		d v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022	
			Children's Pr	oducts	

SUBSTANCE NOTES: Aluminum ingots used in extrusion are produced with both pre and post consumer recycled material. Percentages may vary.

LAMINATING ADHESIVE

%: 1.0400

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were evaluated and determined to be below the 1,000 ppm threshold.

OTHER MATERIAL NOTES:

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	orary	HAZARD SO	CREENING DATE: 2024-10-18 13:30:00
%: 60.0000 - 80.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Diluent

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Li
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Li
SUBSTANCE NOTES: Subs	stance is the intellectual property of the supplier and c	onfidential
JNDISCLOSED		ID: Undisclo
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-18 13:3
%: 5.0000 - 25.0000	GreenScreen: NoGS RC: Non	NANO: No SUBSTANCE ROLE: Carrier
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Li
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
EXEMPT	European Union / European Commission (E	J EU - REACH Exemptions
	EC)	
SUBSTANCE NOTES: Subs	stance is the intellectual property of the supplier and c	Exempted from REACH Annex IV listing due to intrinsic safety
SUBSTANCE NOTES: Subs	stance is the intellectual property of the supplier and c	safety
JNDISCLOSED	stance is the intellectual property of the supplier and o Pharos Chemical and Materials Library	safety
JNDISCLOSED HAZARD DATA SOURCE:		safety onfidential ID: Undisclo HAZARD SCREENING DATE: 2024-10-18 13:3
UNDISCLOSED HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	safety onfidential ID: Undisclo HAZARD SCREENING DATE: 2024-10-18 13:3
UNDISCLOSED Hazard Data Source: F %: 5.0000 - 15.0000	Pharos Chemical and Materials Library GreenScreen: NoGS RC: Non	safety onfidential ID: Undisclo HAZARD SCREENING DATE: 2024-10-18 13:3 NANO: No SUBSTANCE ROLE: Solvent
JNDISCLOSED HAZARD DATA SOURCE: F %: 5.0000 - 15.0000 HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: NoGS RC: Non LIST NAME AND SOURCE German FEA - Substances Hazardous to	safety onfidential ID: Undisclo HAZARD SCREENING DATE: 2024-10-18 13:3 NANO: No SUBSTANCE ROLE: Solvent WARNINGS
UNDISCLOSED HAZARD DATA SOURCE: F %: 5.0000 - 15.0000 HAZARD TYPE MUL	Pharos Chemical and Materials Library GreenScreen: NoGS RC: None LIST NAME AND SOURCE German FEA - Substances Hazardous to Waters	safety onfidential ID: Undisclo HAZARD SCREENING DATE: 2024-10-18 13:3 MANO: No SUBSTANCE ROLE: Solvent WARNINGS Class 3 - Severe Hazard to Waters
JNDISCLOSED HAZARD DATA SOURCE: F %: 5.0000 - 15.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS	Pharos Chemical and Materials Library GreenScreen: NoGS RC: None LIST NAME AND SOURCE German FEA - Substances Hazardous to Waters LIST NAME AND SOURCE	safety onfidential ID: Undiscle HAZARD SCREENING DATE: 2024-10-18 13:3 MANO: No SUBSTANCE ROLE: Solvent WARNINGS Class 3 - Severe Hazard to Waters NOTIFICATION
UNDISCLOSED HAZARD DATA SOURCE: F %: 5.0000 - 15.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS RESTRICTED LIST	Pharos Chemical and Materials Library GreenScreen: NoGS RC: None LIST NAME AND SOURCE German FEA - Substances Hazardous to Waters LIST NAME AND SOURCE	safety onfidential ID: Undisclo HAZARD SCREENING DATE: 2024-10-18 13:3 MANO: No SUBSTANCE ROLE: Solvent WARNINGS Class 3 - Severe Hazard to Waters NOTIFICATION GSPI - Six Classes Precautionary List Some Solvents
UNDISCLOSED HAZARD DATA SOURCE: F %: 5.0000 - 15.0000 HAZARD TYPE MUL ADDITIONAL LISTINGS RESTRICTED LIST	Pharos Chemical and Materials Library GreenScreen: NoGS RC: None LIST NAME AND SOURCE German FEA - Substances Hazardous to Waters LIST NAME AND SOURCE Green Science Policy Institute (GSPI)	safety onfidential ID: Undisclo HAZARD SCREENING DATE: 2024-10-18 13:3 MANO: No SUBSTANCE ROLE: Solvent WARNINGS Class 3 - Severe Hazard to Waters NOTIFICATION GSPI - Six Classes Precautionary List Some Solvents

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were evaluated and determined to be below the 1,000 ppm threshold.

OTHER MATERIAL NOTES:

IRON, ELEMENTAL				ID: 743	<mark>89-89</mark> -
HAZARD DATA SOURCE: Pha	ros Chemical and Materials Library		HAZAF	RD SCREENING DATE: 2024-10-18 13	8:30:0
%: 97.0000 - 99.0000	GreenScreen: LT-P1 Re	C: None	NANO: No	SUBSTANCE ROLE: Structure comp	onei
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disrupto	rs	Potential End	ocrine Disruptor	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	DN	
None found				No listings found on Additional Hazard	List
SUBSTANCE NOTES:					
XTREME BOND PRIMER	%: 0.3200				
RODUCT THRESHOLD: 1000 pp	m RESIDUALS AND IMPURITIES EVA	ALUATION	COMPLETED:	Yes MATERIAL TYPE: Polymeric M	/later
ESIDUALS AND IMPURITIES NO	DTES: Residuals and Impurities were eval	uated and	determined to b	e below the 1,000 ppm threshold.	
THER MATERIAL NOTES:					
UNDISCLOSED				ID: Undis	clos
HAZARD DATA SOURCE: Pha	ros Chemical and Materials Library		HAZAF	RD SCREENING DATE: 2024-10-18 13	8:30:
%: 51.0000 Green	nScreen: BM-4	C: None	NANO: N	SUBSTANCE ROLE: Carrier	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No	warnings found on HPD Priority Hazard	l List
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	N	
EXEMPT	European Union / European Commis EC)	sion (EU	EU - REACH	Exemptions	
	20)		Exempted fro safety	m REACH Annex IV listing due to intrins	sic
SUBSTANCE NOTES: Substan	ce is the intellectual property of the supplie	er and conf	idential		
UNDISCLOSED				ID: Undis	close
	<u> </u>		HAZAF	RD SCREENING DATE: 2024-10-18 13	8:30:
HAZARD DATA SOURCE: Pha	ros Chemical and Materials Library				

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	МАК	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor**
CAN	МАК	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]**
МАМ	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)

**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.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: P	haros Chemical and Materials Lil	brary	HAZARD S	SCREENING DATE: 2024-10-18 13:30:01
%: 0.0000 - 10.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant

МАК		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification			
LIST NAME AND SOURCE		NOTIFICATION			
		No I	istings found on A	dditional Hazard Lists	
ce is the intellectual property of the s	supplier and con	fidential			
%: 0.3200					
m RESIDUALS AND IMPURITIES	S EVALUATION	I COMPLETED: Yes	MATERIAL TY	PE: Polymeric Material	
TES: Residuals and Impurities were	e evaluated and	determined to be belo	ow the 1,000 ppm	threshold.	
				ID: Undisclosed	
os Chemical and Materials Librar	У	HAZARD SC	REENING DATE:	2024-10-18 13:30:01	
GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE F	ROLE: Solvent	
LIST NAME AND SOURCE		WARNINGS			
		No warn	ings found on HPE	Priority Hazard Lists	
LIST NAME AND SOURCE		NOTIFICATION			
	ommission (EU	EU - REACH Exem	ptions		
EG)		Exempted from RE safety	ACH Annex IV listi	ng due to intrinsic	
ce is the intellectual property of the s	supplier and con	fidential			
				ID: Undisclosed	
	-				
GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE F	ROLE: Pigment	
	LIST NAME AND SOURCE %: 0.3200 m RESIDUALS AND IMPURITIE DTES: Residuals and Impurities were cos Chemical and Materials Librar GreenScreen: NoGS LIST NAME AND SOURCE LIST NAME AND SOURCE European Union / European Co EC)	LIST NAME AND SOURCE Ce is the intellectual property of the supplier and con %: 0.3200 m RESIDUALS AND IMPURITIES EVALUATION TTES: Residuals and Impurities were evaluated and Tos Chemical and Materials Library GreenScreen: NoGS RC: None LIST NAME AND SOURCE LIST NAME AND SOURCE LIST NAME AND SOURCE ce is the intellectual property of the supplier and con cos Chemical and Materials Library cos Chemical and Materials Library cos Chemical and Materials Library	but not sufficient for LIST NAME AND SOURCE NOTIFICATION No I See is the intellectual property of the supplier and confidential %: 0.3200 m RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes DTES: Residuals and Impurities were evaluated and determined to be below TOS Chemical and Materials Library HAZARD SO GreenScreen: NOGS RC: None NANO: No LIST NAME AND SOURCE WARNINGS LIST NAME AND SOURCE NOTIFICATION European Union / European Commission (EU EC) EU - REACH Exempled from RE safety the intellectual property of the supplier and confidential Exempted from RE safety TOS Chemical and Materials Library HAZARD SO	LIST NAME AND SOURCE NOTIFICATION LIST NAME AND SOURCE NOTIFICATION To listings found on A To 3200 To ACCOMPLETED: Yes MATERIAL TY TES: Residuals and Impurities were evaluated and determined to be below the 1,000 ppm To Chemical and Materials Library TAZARD SCREENING DATE: Cros Chemical and Materials Library LIST NAME AND SOURCE WARNINGS LIST NAME AND SOURCE NOTIFICATION Cos Chemical and Materials Library To S Chemical and Materials Library To S Chemical and Materials Library To S Chemical and Materials Library Tage is the intellectual property of the supplier and confidential	

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	МАК	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor**
CAN	МАК	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]**
МАМ	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)

**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.

UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE: Phare	os Chemical and Materials Library		HAZARD	SCREENING DATE:	2024-10-18 13:30:00
%: 10.0000 - 30.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE	E: Polymer species

None found		No listings found on Additional Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
None found		No warnings found on HPD Priority Hazard Lists	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	

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

SCS Indoor Advantage Gold - Classroom & Office scenario

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities CERTIFICATE URL: ISSUE DATE: 2023-06-09 00:00:00 EXPIRY DATE: CERTIFIER OR LAB: SCS Global Services

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.

No accessories are required for this product.

Section 5: General Notes

HPD applicable to all available sizes

MANUFACTURER INFORMATION

MANUFACTURER: Claridge Products ADDRESS: 480 Wrangler Drive Suite 200 Coppell, Texas 75019 COUNTRY: USA WEBSITE: https://www.calyxbyclaridge.com/ CONTACT NAME: Rick Gomory TITLE: Marketing Content and Sustainability Manager PHONE: 800-364-2422 EMAIL: rgomory@claridgeproducts.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 TranslatorTM, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and

for compliance with the HPD standard noted.