created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 2046842225664 CLASSIFICATION: 10 11 16.13 Fixed Markerboards

PRODUCT DESCRIPTION: The LCS Elite 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, these stylish, low profile whiteboards appear to float on the wall. LCS Porcelain steel accepts magnets, won't ghost or stain, and is warrantied for life

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

Nested Materials Method

C Basic Method

Threshold Disclosed Per

Material

Product

Threshold Level

C 100 ppm

€ 1,000 ppm C Per GHS SDS

Other

Residuals/Impurities Evaluation

Completed in 9 of 9 Materials

Explanation(s) provided for Residuals/Impurities?

Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Provided weight and role.

Screened

Yes ○ No

Provided screening results using HPDC-approved

methods.

Identified ○ Yes ⊙ No

Provided name and CAS RN or other identifier.

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 FORMALDEHYDE-MELAMINE POLYMER LT-UNK TITANIUM DIOXIDE BM-1 * | CAN | END | MAM 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 HYDROCHLORIC ACID BM-2 | MAM | SKI | EYE | AQU ALUMINUM BM-1 | END | MAM | PHY NICKEL LT-1 | CAN | MUL | RES | MAM | SKI | 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-2 | MAM UNDISCLOSED BM-3dg | CAN | MAM 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-1 | END | MUL | AQU | MAM | REP UNDISCLOSED BM-1 | REP | MUL | MAM | SKI | EYE UNDISCLOSED BM-1 | CAN | MAM UNDISCLOSED LT-1 * | CAN UNDISCLOSED LT-UNK | CAN UNDISCLOSED BM-1 | SKI | MAM UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | END | MUL | AQU | MAM | EYE | GEN | REP | PHY | DEV] ALUMINUM Z-BAR MOUNTING BRACKET [ALUMINUM BM-1 | END | MAM | PHY | LAMINATING ADHESIVE | UNDISCLOSED LT-UNK UNDISCLOSED BM-4 UNDISCLOSED LT-P1 | MUL] HEX HEADLESS SCREWS [IRON, ELEMENTAL LT-P1 | END] EXTREME BOND PRIMER [UNDISCLOSED BM-4 UNDISCLOSED BM-1 * | CAN | END | MAM UNDISCLOSED LT-UNK | CAN] PAINT [UNDISCLOSED

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

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

BM-4 UNDISCLOSED BM-1 * | CAN | END | MAM UNDISCLOSED NoGS

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional

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: 2024-11-04 PUBLISHED DATE: 2024-11-04 EXPIRY DATE: 2027-11-04

Section 2: Content in Descending Order of Quantity

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

MDF	%: 41.2200

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Wood or Lumber

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

OTHER MATERIAL NOTES:

WOOD DUST (HARD AND SOFT)

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 76.0000 - 93.0000 GreenScreen: Not Required RC: PreC NANO: No MATERIAL ROLE: Structure component

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Wood

MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

UREA, POLYMER WITH FORMALDEHYDE AND 1,3,5-TRIAZINE-**2,4,6-TRIAMINE**

ID: 25036-13-9

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARD	SCREENING DATE:	2024-11-04 12:16:30
%: 0.0000 - 18.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE	: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No v	varnings found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ı	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precauti	onary List	
			Precautionary li avoidance	ist of substances recom	mended for
RESTRICTED LIST	International Living Future Insti	tute (ILFI)	0 0	Challenge 4.0 - Red Lis	et of Materials &
			Red List substa V4.0 projects	nces to avoid in Living	Building Challenge

UREA, POLYMER WITH FORMALDEHYDE

ID: 9011-05-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 12:21:46		
%: 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 sensitisation	on category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	١
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precauti	ionary List
			Precautionary I avoidance	ist of substances recommended for
RESTRICTED LIST	International Living Future In	stitute (ILFI)		Challenge 4.0 - Red List of Materials & ective April 1, 2024
			Red List substa V4.0 projects	ances to avoid in Living Building Challenge
RESTRICTED LIST	Cradle to Cradle Products Ind (C2CPII)	novation Institute		4.1 Product Standard Restricted ffective July 1, 2024
			All Products	

DECOR PAPERS ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 0.0000 - 5.0000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Coating

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Paper

SUBSTANCE NOTES:

MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

UREA ID: 57-13-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-11-04 12:24:41

%: 0.1500 - 3.0000

GreenScreen: LT-UNK

RC: None

NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
	, , ,	, — , — , — , — , — , — , — , — , — , —
		Antimicrobials

FORMALDEHYDE-MELAMINE POLYMER

ID: 9003-08-1

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 12	
%: 0.0000 - 1.2000	GreenScreen: LT-UNK	GreenScreen: LT-UNK RC: None		SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	varnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	1
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	unces to avoid in Living Building Challenge
RESTRICTED LIST	Cradle to Cradle Products Inn (C2CPII)	ovation Institute		4.1 Product Standard Restricted ffective July 1, 2024
			All Products	
SUBSTANCE NOTES:				

TITANIUM DIOXIDE ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-11-04 12:26:33		
%: 0.0000 - 1.2000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor**
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**
CAN	IARC	Group 2b - Possibly carcinogenic to humans**
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
	LI A)	
	Li Ay	Colorants - Green Circle (Verified Low Concern)
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	Colorants - Green Circle (Verified Low Concern) C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024

WARNINGS

LIST NAME AND SOURCE

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

CARBON BLACK ID: 1333-86-4

HAZARD TYPE

HAZARD DATA SOURCE: F	Pharos Chemical and Materials Lib	rary	HAZARD S	CREENING DATE: 2024-11-04 12:26:58
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	US CDC - Occupational Card	cinogens	Occupational Card	cinogen**
CAN	MAK		Carcinogen Group but not sufficient for	o 3B - Evidence of carcinogenic effects or classification**
CAN	CA EPA - Prop 65		Carcinogen - spec	cific to chemical form or exposure route**
CAN	IARC		Group 2b - Possib	oly carcinogenic to humans**
EYE	GHS - New Zealand		Eye irritation categ	gory 2**
CAN	GHS - New Zealand		Carcinogenicity ca	ategory 2**
CAN	GHS - Japan		H351 - Suspected Category 2]**	of causing cancer [Carcinogenicity -
MAM	GHS - Japan		repeated exposure	amage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]**
PHY	GHS - Japan			ng;; may catch fire [Self-heating nixtures - 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:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-11-04 12:29:23
%: 41.8000 - 61.2900	GreenScreen: LT-P1 RC: N	lone NANO: No SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

MANGANESE ID: 7439-96-5

HAZARD DATA SOURCE:	Pharos Chemical and Materials L	HAZARD SCREENING DATE: 2024-11-04 12:33:01		
%: 16.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS	
END	TEDX - Potential Endocrir	ne Disruptors	Potential Endocr	ine Disruptor
MUL	German FEA - Substance Waters	s Hazardous to	Class 3 - Severe	Hazard to Waters
REP	GHS - Japan		H360 - May dam reproduction - Ca	nage fertility or the unborn child [Toxic to ategory 1B]
MAM	GHS - Japan		repeated exposu	damage to organs through prolonged or are [Specific target organs/systemic toxicity ed exposure - Category 1]
MAM	GHS - Australia			damage to organs through prolonged or ure [Specific target organ toxicity - ure - Category 1]
AQU	GHS - New Zealand		Hazardous to the	e aquatic environment - chronic category 3
AQU	GHS - Japan			aquatic life [Hazardous to the aquatic ute) - Category 2]
AQU	GHS - Japan			aquatic life with long lasting effects e aquatic environment (chronic) -
ADDITIONAL LISTINGS	LIST NAME AND SOURC	E	NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Innovation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Biological and E	nvironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Innovation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Children's Produ	octs
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Innovation Institute		.1 Product Standard Restricted fective July 1, 2024
			Children's Toy P	raduate

SUBSTANCE NOTES:

CHROMIUM ID: 7440-47-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD	SCREENING DATE: 2024-11-04 12:31:25	
	%: 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	MAK	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]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Cosmetics and Personal Care Products
SUBSTANCE NOTES:		

SUBSTANCE NOTES:

ZINC, ELEMENTAL	ID: 7440-66-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD	SCREENING DATE: 2024-11-04 12:35:56
%: 10.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Galvanizing
HAZARD TYPE	LIST NAME AND SOURCE	Ē	WARNINGS	
MUL	German FEA - Substances Waters	German FEA - Substances Hazardous to Waters		Hazard to Waters
AQU	GHS - New Zealand		Hazardous to the	aquatic environment - acute category 1
AQU	GHS - New Zealand		Hazardous to the	e aquatic environment - chronic category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products

SUBSTANCE NOTES:

SILICON, ELEMENTAL					ID: 7440-21-3
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD	SCREENING DATE:	2024-11-04 12:34:49
%: 0.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE RO	LE: 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			N	No listings found on A	dditional Hazard Lists
SUBSTANCE NOTES:					

COPPER				ID: 7440-50-8
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD	SCREENING DATE: 2024-11-04 12:32:38
%: 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]
MAM	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
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products
SUBSTANCE NOTES:		

HYDROCHLORIC ACID ID: 7647-01-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD S	CREENING DATE: 2024-11-04 12:35:1
%: 3.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOUR	CE	WARNINGS	
MAM	US EPA - EPCRA Extren Substances	US EPA - EPCRA Extremely Hazardous Substances		ous Substances
SKI	EU - GHS (H-Statements	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	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
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]
MAM	GHS - New Zealand	Acute inhalation toxicity category 2
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic 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]
MAM	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:		

ALUMINUM ID: 7429-90-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-11-04 12:29:		
%: 3.0000	GreenScreen: BM-1 RC: None		NANO: No	SUBSTANCE ROLE: Alloy element	
HAZARD TYPE	LIST NAME AND SOURC	LIST NAME AND SOURCE			
END	TEDX - Potential Endocrin	ne Disruptors	Potential Endocr	ine Disruptor	
MAM	GHS - Japan	GHS - Japan		lamage to organs through prolonged or are [Specific target organs/systemic toxicited and exposure - Category 1]	
MAM	GHS - Japan	GHS - Japan		lamage to organs [Specific target toxicity following single exposure -	
PHY	GHS - Japan	GHS - Japan		t with water releases flammable gas I mixtures, which in contact with water, gases - Category 2]	
PHY	GHS - Malaysia	GHS - Malaysia		H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]	
PHY	GHS - Australia	GHS - Australia		H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]	
PHY	GHS - New Zealand	GHS - New Zealand		Pyrophoric solids category 1	
ADDITIONAL LISTINGS	S LIST NAME AND SOURCE	E	NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Innovation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022	
			Biological and E	nvironmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Innovation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022	
			Children's Produ	cts	
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Innovation Institute		.1 Product Standard Restricted ective July 1, 2024	
			Children's Toy P	roducts	

NICKEL ID: 7440-02-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD	SCREENING DATE: 2024-11-04 12:34:12	
%: 1.0000 - 3.0000	GreenScreen: LT-1	GreenScreen: LT-1 RC: None		SUBSTANCE ROLE: Alloy element	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	US CDC - Occupational Car	rcinogens	Occupational Ca	rcinogen	
CAN	MAK		Carcinogen Grouman	up 1 - Substances that cause cancer in	
MUL	German FEA - Substances Waters	Hazardous to	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 Carcino	ogens	Known to be a h	uman Carcinogen	
CAN	IARC		Group 2b - Poss	ibly carcinogenic to humans	
CAN	US NIH - Report on Carcino	ogens	Reasonably Anti	cipated to be Human Carcinogen	
RES	MAK	MAK		stance Sah - Danger of airway & skin	
CAN	EU - GHS (H-Statements) A	EU - GHS (H-Statements) Annex 6 Table 3-1		H351 - Suspected of causing cancer [Carcinogenicity - Category 2]	
MAM	EU - GHS (H-Statements) A	EU - GHS (H-Statements) Annex 6 Table 3-1		damage to organs through prolonged or lire [Specific target organ toxicity - lire - Category 1]	
CAN	GHS - New Zealand	GHS - New Zealand		category 2	
CAN	GHS - Japan		H351 - Suspecte Category 2]	ed of causing cancer [Carcinogenicity -	
МАМ	GHS - Japan		repeated exposu	damage to organs through prolonged or ure [Specific target organs/systemic toxicity ed exposure - Category 1]	
МАМ	GHS - Australia	GHS - Australia		damage to organs through prolonged or ire [Specific target organ toxicity - ire - Category 1]	
MAM	GHS - Japan	GHS - Japan		damage to organs [Specific target toxicity following single exposure -	
CAN	EU - Annex VI CMRs	EU - Annex VI CMRs		egory 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	e aquatic environment - chronic category 1	
CAN	GHS - Australia		H351 - Suspecte Category 2]	ed of causing cancer [Carcinogenicity -	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Certain Metals
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Footwear, Apparel & Jewelry Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		All Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Cosmetics and Personal Care Products

SUBSTANCE NOTES:

BORON

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-11-04 12:30:42		
%: 1.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element	

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]

ID: **7440-42-8**

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products

SUBSTANCE NOTES:

MOLYBDENUM				ID: 7439-98-7
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD	SCREENING DATE: 2024-11-04 12:33:33
%: 1.1000 Gr	reenScreen: 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 Single exposure - Category 3]
SKI	GHS - Japan		H315 - Causes s Category 2]	skin irritation [Skin corrosion / irritation -
REP	GHS - New Zealand		Reproductive to	xicity category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

ALUMINUM MOUNTING TRIM %: 16.2200

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 ID: 7429-90-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 12:44:34
%: 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 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]
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]
PHY	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
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products

SUBSTANCE NOTES: 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	E: Pharos Chemical and Materials Li	ibrary	HAZARD	SCREENING DATE: 2024-11-04 12:46:04
%: 0.4500 - 0.9000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PHY	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]
PHY	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:

IAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-11-04 9:31:59		
%: 95.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No	warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	N	
None found				No listings found on Additional Hazard Lists	

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 9:39:31		
%: 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	an		use respiratory irritation [Specific target Single exposure - Category 3]
MAM GHS - Japan			H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	1
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 E	Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)			4.0 Product Standard Restricted t (RSL) - Effective July 1, 2022
			Children's Prod	ucts
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		4.1 Product Standard Restricted ffective July 1, 2024
			Children's Toy I	Products

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

UNDISCLOSED	D: Undisclosed
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HAZARD DATA SOURCE: I	Pharos Chemical and Materials Libra	ry	HAZAR	RD SCREENING DATE: 2024-11-04 9:43:0	
%: 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 Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
MAM	GHS - Japan		,	use respiratory irritation [Specific target Single exposure - Category 3]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	V	
None found				No listings found on Additional Hazard Lists	

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:42:29

%: 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) A	Annex 6 Table 3-1		s severe skin burns and eye damage [Skin ion - Category 1A or 1B or 1C]
EYE	GHS - New Zealand		Serious eye da	image category 1
EYE	GHS - Japan		H318 - Causes eye irritation - (s serious eye damage [Serious eye damage /
SKI	GHS - Japan			s severe skin burns and eye damage [Skin ation - Category 1]
SKI	GHS - Australia			s severe skin burns and eye damage [Skin tion - Category 1A or 1B or 1C]
SKI	GHS - Korea			s severe skin burns and eye damage [Skin ion - Category 1]
SKI	GHS - New Zealand		Skin corrosion	category 1B
MAM	Québec CSST - WHMIS 19	88	Class D1A - Ve serious toxic et	ery toxic material causing immediate and ffects
МАМ	GHS - Korea		H330 - Fatal if Category 2]	inhaled [Acute toxicity (inhalation) -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	i.	NOTIFICATION	N
None found				No listings found on Additional Hazard Lists

UNDISCLOSED				ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 9:41			
%: 0.0000 - 5.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	AN MAK		Carcinogen Group 2 - Considered to be carcinogenic for man		
RES	MAK		Sensitizing Subsensitization	ostance Sah - Danger of airway & skin	
GEN	MAK		Germ Cell Muta	agen 3a	
CAN GHS - New Zealand		Carcinogenicity	r 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
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products

 ${\small \verb|SUBSTANCE| NOTES|: Substance| is the intellectual property of the supplier and confidential}\\$

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZAR	RD SCREENING DATE: 2024-11-04 9:40:35
%: 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 H Waters	azardous to	Class 3 - Sever	re Hazard to Waters
EYE	GHS - New Zealand		Eye irritation ca	ategory 2
MAM	GHS - Japan		repeated expos	damage to organs through prolonged or sure [Specific target organs/systemic toxicity tted exposure - Category 1]
GEN	GHS - Japan		H341 - Suspect	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 ic toxicity following single exposure -
MAM	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
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials I	Library	HAZAF	RD SCREENING DATE: 2024-11-04 9:40:07
%: 0.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE	DE	WARNINGS	
MUL	German FEA - Substance Waters	es Hazardous to	Class 2 - Haza	rd to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1		xic to aquatic life [Hazardous to the aquatic acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	-	xic 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 ic toxicity following single exposure -
AQU	GHS - New Zealand		Hazardous to t	he aquatic environment - acute category 1
AQU	GHS - Japan			xic to aquatic life [Hazardous to the aquatic acute) - Category 1]
AQU	GHS - Japan		-	xic to aquatic life with long lasting effects the aquatic environment (chronic) -
AQU	GHS - Australia			xic to aquatic life with long lasting effects the aquatic environment (chronic) -
AQU	GHS - New Zealand		Hazardous to t	he aquatic environment - chronic category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials L	ibrary	HAZAR	RD SCREENING DATE: 2024-11-04 9:39:0
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS	
END	TEDX - Potential Endocrin	e Disruptors	Potential Endo	crine Disruptor
MUL	German FEA - Substances Waters	s Hazardous to	Class 3 - Sever	re Hazard to Waters
AQU	EU - GHS (H-Statements)	Annex 6 Table 3-1		xic to aquatic life [Hazardous to the aquatic cute) - Category 1]
AQU	EU - GHS (H-Statements)	Annex 6 Table 3-1	-	xic to aquatic life with long lasting effects the aquatic environment (chronic) -
MAM	GHS - Japan			damage to organs [Specific target ic toxicity following single exposure -
AQU	GHS - New Zealand		Hazardous to the	he aquatic environment - acute category 1
AQU	GHS - Japan			xic to aquatic life [Hazardous to the aquatic cute) - Category 1]
AQU	GHS - Japan			xic to aquatic life with long lasting effects the aquatic environment (chronic) -
AQU	GHS - Australia			xic to aquatic life with long lasting effects the aquatic environment (chronic) -
AQU	GHS - New Zealand		Hazardous to the	he aquatic environment - chronic category 1
REP	GHS - Japan			ted of damaging fertility or the unborn child duction - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products

GreenScreen: BM-2

GHS - Australia

LIST NAME AND SOURCE

Green Science Policy Institute (GSPI)

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

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]

RC: None

NANO: No

EYE

ADDITIONAL LISTINGS

RESTRICTED LIST

UNDISCLOSED

%: **0.0000 - 5.0000 ALT**

H318 - Causes serious eye damage [Serious eye

damage/eye irritation - Category 1]

GSPI - Six Classes Precautionary List

NOTIFICATION

Antimicrobials

ID: Undisclosed

HAZARD SCREENING DATE: 2024-11-04 9:37:26

SUBSTANCE ROLE: Polymer species

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:35:57 %: 0.0000 - 5.0000 ALT GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species HAZARD TYPE LIST NAME AND SOURCE WARNINGS No warnings found on HPD Priority Hazard Lists None found ADDITIONAL LISTINGS LIST NAME AND SOURCE **NOTIFICATION** No listings found on Additional Hazard Lists None found

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

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:35:14 %: 0.0000 - 5.0000 ALT GreenScreen: BM-2 RC: None SUBSTANCE ROLE: Polymer species NANO: No HAZARD TYPE LIST NAME AND SOURCE **WARNINGS** No warnings found on HPD Priority Hazard Lists None found ADDITIONAL LISTINGS LIST NAME AND SOURCE **NOTIFICATION** None found No 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 Boron oxide.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:34:06 %: 0.0000 - 5.0000 ALT RC: None GreenScreen: BM-2 NANO: No SUBSTANCE ROLE: Polymer species HAZARD TYPE **WARNINGS** LIST NAME AND SOURCE No warnings found on HPD Priority Hazard Lists None found ADDITIONAL LISTINGS **NOTIFICATION** LIST NAME AND SOURCE No listings found on Additional Hazard Lists None found

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZAR	D SCREENING DATE: 2024-11-04 9:33:11
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
REP	EU - Annex VI CMRs		Reproductive T	oxicity - Category 1B
MUL	ChemSec - SIN List		CMR - Carcino	gen, Mutagen &/or Reproductive Toxicant
REP	GHS - Japan		H360 - May dai reproduction - 0	mage fertility or the unborn child [Toxic to Category 1B]
REP	GHS - Australia		-	damage fertility. May damage the unborn ctive toxicity - Category 1A or 1B]
REP	GHS - Korea		-	mage fertility or the unborn child oxicity - Category 1]
REP	EU - GHS (H-Statements) An	nex 6 Table 3-1		damage fertility. May damage the unborn ctive toxicity - Category 1A or 1B]
MAM	GHS - Japan		•	use respiratory irritation [Specific target Single exposure - Category 3]
SKI	GHS - New Zealand		Skin irritation ca	ategory 2
EYE	GHS - New Zealand		Eye irritation ca	ategory 2
EYE	GHS - Japan		H319 - Causes eye irritation - C	serious eye irritation [Serious eye damage / Category 2A]
REP	EU - SVHC List		Toxic to reprod	uction - Candidate list
REP	EU - SVHC List		Toxic to reprod	uction - Prioritized for listing
REP	EU - REACH Annex XVII CM	Rs	Reproductive to	oxicants: 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 v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		All Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Cosmetics and Personal Care Products

UNDISCLOSED				I	D: Undisclosed
HAZARD DATA SOURCE: Phar	os Chemical and Materials Library		HAZARD	SCREENING DATE: 202	4-11-04 9:32:38
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pol	ymer species

GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
LIST NAME AND SOURCE	NOTIFICATION
Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
	Antimicrobials
	GHS - Japan GHS - Australia LIST NAME AND SOURCE

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD S	SCREENING DATE: 2024-11-04 9:49:48	
%: 0.0000 - 1.0000 ALT	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Glaze
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warr	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

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

ALTERNATE: This substance is an alternate substance to Sodium nitrite.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-11-04 9:44:27

Output: Comparison of the property o

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products

ONDICOLOGED				is. enalogiosca
HAZARD DATA SOURCE: Pharos	s Chemical and Materials Library		HAZAR	RD SCREENING DATE: 2024-11-04 9:45:04
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-P1	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
EYE	GHS - New Zealand		Eye irritation ca	ategory 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
None found				No 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 Titanium dioxide (Rutile).

UNDISCLOSED		ID: Undisclosed		
HAZARD DATA SOURCE	Pharos Chemical and Materials Libra	ary	HAZAR	RD SCREENING DATE: 2024-11-04 9:45:39
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		=	oup 3B - Evidence of carcinogenic effects

UNDISCLOSED

ID: Undisclosed

^{**}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.

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No listings found on Additional Hazard Lists

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:46:24 %: 0.0000 - 1.0000 ALT GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species LIST NAME AND SOURCE HAZARD TYPE **WARNINGS** EYE GHS - New Zealand Eye irritation category 2 ADDITIONAL LISTINGS LIST NAME AND SOURCE **NOTIFICATION** None found No listings found on Additional Hazard Lists

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

ALTERNATE: This substance is an alternate substance to Kaolin.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:47:19 %: 0.0000 - 1.0000 ALT GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species HAZARD TYPE **WARNINGS** LIST NAME AND SOURCE No warnings found on HPD Priority Hazard Lists None found ADDITIONAL LISTINGS **NOTIFICATION** LIST NAME AND SOURCE No listings found on Additional Hazard Lists None found

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

ALTERNATE: This substance is an alternate substance to Kaolin.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

%: 0.0000 - 1.0000 ALT

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No listings found on Additional Hazard Lists

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

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:58:50 GreenScreen: LT-UNK %: 0.0000 - 1.0000 ALT RC: None NANO: **No** SUBSTANCE ROLE: Pigment HAZARD TYPE LIST NAME AND SOURCE **WARNINGS** No warnings found on HPD Priority Hazard Lists None found ADDITIONAL LISTINGS LIST NAME AND SOURCE **NOTIFICATION** None found No 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.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:58:09 %: 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 warnings found on HPD Priority Hazard Lists ADDITIONAL LISTINGS LIST NAME AND SOURCE **NOTIFICATION** No listings found on Additional Hazard Lists None found

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

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 9:57:26

%: 0.0000 - 1.0000 ALT GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**
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]**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

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

UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library		HAZARD S	SCREENING DATE:	2024-11-04 9:56:45
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE RC	DLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	MAK		Carcinogen Group	2 - Considered to be	e carcinogenic for
RES	MAK		Sensitizing Substa sensitization	nce Sah - Danger of	airway & skin
GEN	MAK		Germ Cell Mutage	n 3a	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovati (C2CPII)	tion Institute		Product Standard RoRSL) - Effective July 1	
			Biological and Env	rironmentally Release	ed Materials
RESTRICTED LIST	Cradle to Cradle Products Innovati (C2CPII)	tion Institute		Product Standard RoRSL) - Effective July 1	
			Children's Product	S	
RESTRICTED LIST	Cradle to Cradle Products Innovati (C2CPII)	tion Institute	C2C Certified v4.1 Substances - Effect	Product Standard Rective July 1, 2024	estricted
			Children's Toy Pro	ducts	

^{**}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.

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD	SCREENING DATE: 2024-11-04 9:56:03
%: 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	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.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD S	SCREENING DATE: 2024-11-04 9:55:08	
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	MAK		Sensitizing Substa	ance Sh - Danger of skin sensitization
МАМ	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic toxicity exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Inr (C2CPII)	novation Institute		Product Standard Restricted RSL) - Effective July 1, 2022
			Biological and Env	rironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Inr (C2CPII)	novation Institute		Product Standard Restricted RSL) - Effective July 1, 2022
			Children's Product	rs .
RESTRICTED LIST	Cradle to Cradle Products Inr (C2CPII)	novation Institute	C2C Certified v4.1 Substances - Effect	Product Standard Restricted ctive July 1, 2024
			Children's Toy Pro	oducts

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZA	RD SCREENING DATE: 2024-11-04 9:53:57
%: 0.0000 - 1.0000 ALT	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	US CDC - Occupational Carcin	ogens	Occupational	Carcinogen**
CAN	CA EPA - Prop 65		Carcinogen -	specific to chemical form or exposure route**
CAN	US NIH - Report on Carcinoge	ns	Known to be occupational	Human Carcinogen (respirable size - setting)**
CAN	MAK		Carcinogen G man**	Group 1 - Substances that cause cancer in
CAN	IARC		Group 1 - Age occupational	ent is carcinogenic to humans - inhaled from sources**
CAN	IARC		Group 1 - Age	ent is Carcinogenic to humans**
CAN	US NIH - Report on Carcinoge	ns	Known to be	a human Carcinogen**
CAN	GHS - Japan		H350 - May c 1A]**	ause cancer [Carcinogenicity - Category
CAN	GHS - Australia		H350i - May o Category 1A	cause cancer by inhalation [Carcinogenicity - or 1B]**
CAN	GHS - New Zealand		Carcinogenic	ity category 1**
MAM	GHS - Japan		repeated exp	es damage to organs through prolonged or osure [Specific target organs/systemic toxicity eated exposure - Category 1]**
GEN	GHS - Japan		•	ected of causing genetic defects [Germ cell - Category 2]**
MAM	GHS - Australia		repeated exp	es damage to organs through prolonged or osure [Specific target organ toxicity - osure - Category 1]**
MAM	GHS - New Zealand		Specific targe	et organ toxicity - repeated exposure category
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	DN
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.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libr	rary	HAZARD	SCREENING DATE: 2024-11-04 9:53:0
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
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	
EXEMPT	European Union / European EC)	Commission (EU	EU - REACH Exe	emptions
	LO)		Exempted from F safety	REACH Annex IV listing due to intrinsic
POSITIVE LIST	US Environmental Protection EPA)	n Agency (US	US EPA - DfE Sa	afer Chemicals Ingredients list (SCIL)
	Li 7)		Chelating Agents	s - Green Circle (Verified Low Concern)

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

UNDISCLOSED ID: Undisclosed

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
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 - 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
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		All Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Cosmetics and Personal Care Products

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

UNDISCLOSED	ID: Undisclosed
HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-11-04 9:51:27

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 9:51:27			
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Carrier	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
SKI	GHS - New Zealand		Skin irritation cate	gory 2	
EYE	GHS - New Zealand	GHS - New Zealand		Eye irritation category 2	
EYE	GHS - Japan		H318 - Causes se eye irritation - Cat	rious eye damage [Serious eye damage / egory 1]	
SKI	GHS - Japan		H314 - Causes se corrosion / irritation	vere skin burns and eye damage [Skin n - Category 1]	

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No 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 Sodium nitrite.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-0			SCREENING DATE: 2024-11-04 9:50:34	
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
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 se eye irritation - Cate	rious eye irritation [Serious eye damage / egory 2A]
EYE	GHS - Australia		H318 - Causes se damage/eye irritat	rious eye damage [Serious eye ion - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	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 Sodium nitrite.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-11-04 9:47:54

**C: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 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]
MAM	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]
PHY	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]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Cosmetics and Personal Care Products

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.

ALUMINUM ID:					
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 12:46:5			
%: 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	Disruptors	Potential Endocrine Disruptor		
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged repeated exposure [Specific target organs/systemic to following repeated exposure - Category 1]		
MAM	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]		
РНҮ	GHS - Malaysia			hes fire spontaneously if exposed to air liquids; Pyrophoric solids - Category 1]	
PHY	GHS - Australia			hes fire spontaneously if exposed to air liquids; Pyrophoric solids - Category 1]	
PHY	GHS - New Zealand		Pyrophoric s	colids category 1	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products

SUBSTANCE NOTES: 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 Library	HAZARD SCREENING DATE: 2024-11-04 10:44:07

%: 60.0000 - 80.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Diluent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warı	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-11-04 10:45:03
%: 5.0000 - 25.0000 GreenScreen: BM-4 RC: None NANO: No SUBSTANCE ROLE: Carrier

		Exempted from REACH Annex IV listing due to intrinsic safety
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No warnings found on HPD Priority Hazard Lists
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libr	Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 10:46:2	
%: 5.0000 - 15.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Solvent	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances H Waters	lazardous to	Class 3 - Severe H	Hazard to Waters	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institut	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List	
			Some Solvents		

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

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

HEX HEADLESS SCREWS %: 0.6300

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MA

MATERIAL TYPE: Metal

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

IRON, ELEMENTAL				ID: 7439-89-6
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 12:47:2		
%: 97.0000 - 99.0000	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	docrine Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	NC
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

EXTREME BOND PRIMER %: 0.3200

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

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

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ry	HAZARD S	CREENING DATE:	2024-11-04 12:37:44
%: 51.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE F	ROLE: Carrier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No war	nings found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
EXEMPT	European Union / European C EC)	ommission (EU	EU - REACH Exer	mptions	
	_5,		Exempted from RI safety	EACH Annex IV listing	ng due to intrinsic

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Pharos	s Chemical and Materials Librar	у	HAZARD SC	CREENING DATE: 2024-11-04 12:38:56
%: 10.0000 - 25.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor**
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**
CAN	IARC	Group 2b - Possibly carcinogenic to humans**
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
ADDITIONAL LISTINGS RESTRICTED LIST	LIST NAME AND SOURCE Cradle to Cradle Products Innovation Institute (C2CPII)	
	Cradle to Cradle Products Innovation Institute	NOTIFICATION C2C Certified v4.0 Product Standard Restricted
	Cradle to Cradle Products Innovation Institute	NOTIFICATION C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	NOTIFICATION C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	NOTIFICATION C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	NOTIFICATION C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	NOTIFICATION C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
RESTRICTED LIST RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII)	NOTIFICATION C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
RESTRICTED LIST RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII)	NOTIFICATION C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products US EPA - DfE Safer Chemicals Ingredients list (SCIL)

UNDISCLOSED ID: Undisclosed

^{**}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.

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	SCREENING DATE: 2024-11-04 12:39:50
%: 0.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Grou but not sufficient	p 3B - Evidence of carcinogenic effects for classification
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists

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

PAINT %: 0.3200

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.

UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-11-04 12:42:02			
%: 30.0000 - 60.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE F	ROLE: Solvent
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		
EXEMPT	European Union / European (EC)	Commission (EU	EU - REACH Exer	mptions	
	20)		Exempted from RI safety	EACH Annex IV listii	ng due to intrinsic

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: F	Pharos Chemical and Materials Li	brary	HAZARD S	CREENING DATE: 2024-11-04 12:42:35
%: 10.0000 - 30.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor**
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**
CAN	IARC	Group 2b - Possibly carcinogenic to humans**
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
ADDITIONAL LISTINGS RESTRICTED LIST	LIST NAME AND SOURCE Cradle to Cradle Products Innovation Institute (C2CPII)	NOTIFICATION C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
	Cradle to Cradle Products Innovation Institute	C2C Certified v4.0 Product Standard Restricted
	Cradle to Cradle Products Innovation Institute	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) US Environmental Protection Agency (US	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
RESTRICTED LIST RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
RESTRICTED LIST RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) US Environmental Protection Agency (US	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products US EPA - DfE Safer Chemicals Ingredients list (SCIL)

^{**}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: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-11-04 12:41:34		
%: 10.0000 - 30.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No v	varnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	V	
None found				No listings found on Additional Hazard Lists	

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

Section 3: Certifications and Compliance

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

VOC EMISSIONS

SCS Indoor Advantage Gold - Classroom & Office scenario

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities ISSUE DATE: 2023-06-09 00:00:00 **EXPIRY DATE:**

CERTIFIER OR LAB: SCS Global

Services

CERTIFICATE URL:

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://claridgeproducts.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

GreenScreen (GS)

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)

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

PreC Pre-consumer recycled content

PostC Post-consumer recycled content

UNK Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material

Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

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

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

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

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

