created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 658792554496

CLASSIFICATION: 10 11 16.43 Portable Markerboards

PRODUCT DESCRIPTION: Venue seamlessly integrates into the open plan, collaborative team space, and the built environment with its slim architecture and mindful details. It is Venue's timeless design that allows this adaptive visual communications board to work with an existing conference room, collaboration space, or a new system within the open plan.

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 16 of 16 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

STEEL BASE [IRON, ELEMENTAL LT-P1 | END ALUMINUM BM-1 | END | MAM | PHY NICKEL LT-1 | CAN | MUL | RES | MAM | SKI | AQU CARBON LT-UNK MOLYBDENUM LT-UNK | MAM | SKI | REP MANGANESE LT-P1 | END | MUL | REP | MAM | AQU TIN LT-P1 | MAM | EYE | AQU CHROMIUM LT-P1 | END | SKI | MAM | REP | RES COPPER LT-P1 | MUL | AQU | MAM SULFUR, PRECIPITATED LT-UNK | SKI | MAM SILICON, ELEMENTAL LT-UNK BISMUTH, ELEMENTAL LT-UNK | MAM VANADIUM, ELEMENTAL LT-1 | CAN | MUL | GEN TITANIUM LT-UNK | PHY TUNGSTEN LT-UNK | MAM ANTIMONY, ELEMENTAL LT-1 | CAN | AQU | EYE | REP | SKI NITROGEN NoGS PHOSPHORUS BM-2 | MAM | PHY | EYE | AQU | SKI NIOBIUM LT-UNK SELENIUM, ELEMENTAL LT-P1 | CAN | PBT | MUL | MAM | AQU CALCIUM LT-P1 | SKI | EYE | PHY BORON LT-UNK | MAM MAGNESIUM LT-UNK | PHY | MAM | SKI | EYE TELLURIUM LT-1 | REP | DEV | MAM | PHY ZINC, ELEMENTAL LT-P1 | MUL | AQU] ACOUSTIC PANEL [POLYESTER FIBERS NoGS LOW MELTING POLYESTER FIBERS NoGS POLY(LACTIC ACID) NoGS | ALUMINUM TRIM | ALUMINUM BM-1 | END | MAM | PHY SILICON, ELEMENTAL LT-UNK] HONEYCOMB CORE [WOOD DUST, CELLULOSE LT-1 | CAN WATER BM-4] DOUBLE WALL CORRUGATED CARDBOARD [PULP, CELLULOSE NoGS STARCH NoGS | MULLION [ALUMINUM BM-1 | END | MAM | PHY] POWDER COAT [UNDISCLOSED NoGS UNDISCLOSED BM-1 * | CAN | END | MAM] TUBE ADHESIVE [UNDISCLOSED BM-3 | EYE UNDISCLOSED BM-3 | EYE UNDISCLOSED LT-UNK UNDISCLOSED BM-U | CAN] LAMINATING ADHESIVE [UNDISCLOSED LT-UNK UNDISCLOSED BM-4 UNDISCLOSED LT-P1 | MUL | TOP BRACKET [ALUMINUM BM-1 | END | MAM | PHY] BOTTOM BRACKET [ALUMINUM BM-1 | END | MAM | PHY] HEX BOLT [IRON, ELEMENTAL LT-P1 | END | FLAT HEX SOCKET SCREW | IRON, ELEMENTAL LT-P1 | END] ANGLE JOINT [ALUMINUM BM-1 | END |

Number of Greenscreen BM-4/BM3 contents ... 6

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This product inventory was screened to the 1000 ppm threshold.

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

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: SCS Indoor Advantage Gold - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?

O Yes
O No

PREPARER: Self-Prepared

VERIFIER: VERIFICATION #:

SCREENING DATE: 2024-10-21 PUBLISHED DATE: 2024-10-21 EXPIRY DATE: 2027-10-21

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

STEEL BASE %: 18.1000 - 36.0200

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. Supplier provided the substance composition ranges as shown and the ranges exceed typical inventory weight percentages as a means to protect IP.

IRON, ELEMENTAL				ID: 7439-89-6
HAZARD DATA SOURCE: Pharos	Chemical and Materials Librar	у	HAZA	ARD SCREENING DATE: 2024-10-21 7:31:56
%: 80.0000 - 100.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Dis	sruptors	Potential End	locrine Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	NO
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

ALUMINUM				ID: 7429-90-5
HAZARD DATA SOURCE: I	Pharos Chemical and Materials Li	ibrary	HAZARI	D SCREENING DATE: 2024-10-21 7:31:56
%: 0.1000 - 10.2500	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
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
SUBSTANCE NOTES:		

 NICKEL
 ID: 7440-02-0

 HAZARD DATA SOURCE:
 Pharos Chemical and Materials Library
 HAZARD SCREENING DATE:
 2024-10-21 7:31:57

 %: 0.1000 - 9.7000
 GreenScreen: LT-1
 RC: None
 NANO: No
 SUBSTANCE ROLE: Alloy element

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

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

CARBON

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARD	SCREENING DATE: 2024-10-21 7:31:57
%: 0.1000 - 5.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	arnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute	e (GSPI)	GSPI - Six Class	es Precautionary List
			Antimicrobials	
SUBSTANCE NOTES:				

MOLYBDENUM ID: **7439-98-7**

HAZARD DATA SOURCE	Pharos Chemical and Materials Library		HA	AZARD SCREENING DATE: 2024-10-21 7:31:58
%: 0.1000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE		WARNING	9S
MAM	GHS - Japan			y cause respiratory irritation [Specific target city - Single exposure - Category 3]
SKI	GHS - Japan		H315 - Causes skin irritation [Skin corrosion / irritation Category 2]	
REP	GHS - New Zealand		Reproduct	ive toxicity category 2

ID: **7440-44-0**

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

MANGANESE ID: 7439-96-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARI	HAZARD SCREENING DATE: 2024-10-21 7:31:56			
%: 0.1000 - 4.3500	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element		
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS			
END	TEDX - Potential Endocrine Dis	sruptors	Potential Endocr	ine Disruptor		
MUL	German FEA - Substances Haz Waters	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters		
REP	GHS - Japan	GHS - Japan		H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]		
MAM	GHS - Japan		repeated exposu	damage to organs through prolonged or lire [Specific target organs/systemic toxicity ed exposure - Category 1]		
MAM	GHS - Australia	a		damage to organs through prolonged or ire [Specific target organ toxicity - ire - Category 1]		
AQU	GHS - New Zealand	GHS - New Zealand		Hazardous to the 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 SOURCE		NOTIFICATION			
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	vation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022		
			Biological and E	nvironmentally Released Materials		
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	vation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022		
			Children's Produ	cts		

SUBSTANCE NOTES:

TIN ID: 7440-31-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:31:57
%: 0.1000 - 3.4000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - New Zealand GHS - New Zealand	Hazardous to the aquatic environment - acute category 1 Hazardous to the aquatic environment - chronic category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1

HAZARD DATA SOURCE: P	haros Chemical and Materials Libra	ary	HAZARE	SCREENING DATE: 2024-10-21 7:31:	
%: 0.1000 - 3.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine D	isruptors	Potential Endocr	ine Disruptor	
SKI	MAK		Sensitizing Subs	tance 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	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 Inn (C2CPII)	ovation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022	
			Biological and E	nvironmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Inn (C2CPII)	ovation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022	
			Children's Produ	cts	
RESTRICTED LIST	Cradle to Cradle Products Inn (C2CPII)	ovation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022	

COPPER ID: 7440-50-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-21 7:31:58			
%: 0.1000 - 2.5000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances I Waters	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters	
AQU	EU - GHS (H-Statements) A	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	pan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
MAM	GHS - Japan			damage to organs [Specific target toxicity following single exposure -	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautio	nary List	
			Precautionary lis	st of substances recommended for	
RESTRICTED LIST	Green Science Policy Institu	te (GSPI)	GSPI - Six Class	ses Precautionary List	
			Antimicrobials		
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022	
			Biological and E	nvironmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		.0 Product Standard Restricted (RSL) - Effective July 1, 2022	
			Children's Produ	icts	

SUBSTANCE NOTES:

SULFUR, PRECIPITATED	ID: 7704-34-9
HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 7:31:59

%: 0.1000 - 2.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	GHS - New Zealand	Skin irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
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	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
SUBSTANCE NOTES:		

SILICON, ELEMENTAL	ID: 7440-21-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 7:31:58

%: 0.1000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No w	arnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			١	No listings found on Additional Hazard Lists
OUDOTANOE NOTEO.				
SUBSTANCE NOTES:				

BISMUTH, ELEMENTAL	ID: 7440-69-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-21 7:32:00		
%: 0.1000 - 1.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	MAM GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicit following repeated exposure - Category 1]		
MAM	GHS - Japan			damage to organs [Specific target ctoxicity following single exposure -	

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

VANADIUM, ELEMENTAL				ID: 7440-62-2
HAZARD DATA SOURCE: P	Pharos Chemical and Materials Library	,	HA	AZARD SCREENING DATE: 2024-10-21 7:32:00
%: 0.1000 - 1.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE		WARNING	GS .
CAN	MAK		Carcinogen Group 2 - Considered to be carcinoge man	
MUL	German FEA - Substances Haza Waters	ardous to	Class 2 - H	Hazard to Waters
GEN	MAK		Germ Cell	Mutagen 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICA	TION
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

IAZARD DATA SOURCE: P	Pharos Chemical and Materials Library	1	HAZARI	SCREENING DATE:	2024-10-21 7:32:0
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROL	E: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
PHY	GHS - Japan		H225 - Highly fla solids - Category	mmable liquid and vap	our [Flammable
PHY	GHS - Japan		H250 - Catches [Pyrophoric solid	fire spontaneously if ex ls - Category 1]	posed to air
PHY	GHS - Japan			ing;; may catch fire [Se mixtures - Category 1]	lf-heating
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			N	No listings found on Add	ditional Hazard Lists

TUNGSTEN ID: 7440-33-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:32:02

%: 0.1000 - 0.9000	GreenScreen: 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]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

ANTIMONY, ELEMENTAL	•				ID: 7440-36-
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARI	SCREENING DATE:	2024-10-21 7:31:5
%: 0.1000 - 0.9000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROL	E: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	MAK	MAK		Carcinogen Group 2 - Considered to be carcinogen man	
AQU	EU - GHS (H-Statements) A	EU - GHS (H-Statements) Annex 6 Table 3-1		aquatic life with long la ne aquatic environment	-
EYE	GHS - New Zealand		Eye irritation cat	egory 2	
CAN	GHS - New Zealand		Carcinogenicity	category 2	
AQU	GHS - New Zealand		Hazardous to the	e aquatic environment	- chronic category 2
REP	GHS - New Zealand		Reproductive to	xicity category 2	
SKI	GHS - Korea		H314 - Causes s corrosion/irritation	severe skin burns and on - Category 1]	eye damage [Skin
AQU	GHS - Korea			aquatic life with long la le aquatic environment	-
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institu	te (GSPI)	GSPI - Six Class	ses Precautionary List	
			Certain Metals		
RESTRICTED LIST	Cradle to Cradle Products Ir (C2CPII)	novation Institute		.0 Product Standard R (RSL) - Effective July	
			Biological and E	nvironmentally Release	ed Materials
RESTRICTED LIST	Cradle to Cradle Products Ir (C2CPII)	novation Institute		.0 Product Standard R (RSL) - Effective July	
			Children's Produ	ıcts	
RESTRICTED LIST	Cradle to Cradle Products Ir (C2CPII)	novation Institute		.0 Product Standard R (RSL) - Effective July	
			Cosmetics & Per	rsonal Care Products	

NITROGEN	ID: 7727-37-9

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	ibrary HAZARD SCREENING DATE: 2024-10-21 7			
%: 0.1000 - 0.9000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Tensile strength additive	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
EXEMPT	European Union / European Co EC)	mmission (EU	EU - REACH Exemptions		
	/		Exempted from REACH Annex IV listing due to intrinsing safety		
CLIDSTANCE NOTES:					

П	PHOSPHORUS	ID: 7723-14-0

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 7:32:01	
%: 0.1000 - 0.9000	GreenScreen: BM-2 RC: None	NANO: No SUBSTANCE ROLE: Tensile strength additive	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances	
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category	
PHY	GHS - New Zealand	Pyrophoric solids category 1	
EYE	GHS - New Zealand	Serious eye damage category 1	
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1	
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1	
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects	
SKI	GHS - New Zealand	Skin corrosion category 1A	
MAM	GHS - New Zealand	Acute dermal toxicity category 1	
MAM	GHS - New Zealand	Acute inhalation toxicity category 1	
MAM	GHS - New Zealand	Acute oral toxicity category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institut (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
		Cosmetics & Personal Care Products	

NIOBIUM				ID: 7440-03-1
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HA	AZARD SCREENING DATE: 2024-10-21 7:32:01
%: 0.1000 - 0.9000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE		WARNING	gs .
None found				No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICA	TION
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

SELENIUM, ELEMENTAL ID: 7782-49-2

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - 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]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
MAM	GHS - Korea	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
AQU	GHS - Korea	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
MAM	GHS - Australia	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	GHS - Australia	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	GHS - Korea	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
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
SUBSTANCE NOTES:		

CALCIUM ID: 7440-70-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:32:00

%: 0.1000 - 0.9000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Antioxidant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation cate	egory 2
EYE	GHS - New Zealand		Eye irritation cate	egory 2
PHY	GHS - Japan		H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water emit flammable gases - Category 2]	
EYE	GHS - Japan		H318 - Causes serious eye damage [Serious eye dama eye irritation - Category 1]	
SKI	GHS - Japan		H314 - Causes so	evere skin burns and eye damage [Skin on - Category 1]
PHY	GHS - Japan		H250 - Catches f [Pyrophoric solid:	ire spontaneously if exposed to air s - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: I	Pharos Chemical and Materials Library		HA	AZARD SCREENING DATE:	2024-10-21 7:32:0
%: 0.1000 - 0.9000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Tens	ile strength additive
HAZARD TYPE	LIST NAME AND SOURCE		WARNING	S	
MAM	GHS - Japan			y cause damage to organs [{ stemic toxicity following single 2]	-
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICA	TION	
RESTRICTED LIST	Cradle to Cradle Products Innova (C2CPII)	ation Institute		ied v4.0 Product Standard R s List (RSL) - Effective July 1	
			Biological	and Environmentally Release	ed Materials
RESTRICTED LIST	Cradle to Cradle Products Innova (C2CPII)	ation Institute		ied v4.0 Product Standard R s List (RSL) - Effective July 1	
			Children's	Products	

MAGNESIUM				ID: 7439-95-4
HAZARD DATA SOURCE: I	Pharos Chemical and Materials Librar	ry	HAZARD	SCREENING DATE: 2024-10-21 7:32:02
%: 0.1000 - 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

TELLURIUM				ID: 13494-80-9
HAZARD DATA SOURCE: PI	naros Chemical and Materials Lib	orary	HAZARD	O SCREENING DATE: 2024-10-21 7:32:02
%: 0.1000 - 0.5000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
DEV	EU - GHS (H-Statements) Annex 6 Table 3-1	H362 - May cause harm to breast-fed children [Reproductive toxicity, effects on or via lactation]
DEV	EU - GHS (H-Statements) Annex 6 Table 3-1	H360Df - May damage the unborn child. Suspected of damaging fertility [Reproductive toxicity - Category 1A or 1B]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
PHY	GHS - New Zealand	Flammable solids category 1
MAM	GHS - New Zealand	Acute oral toxicity category 3
REP	EU - REACH Annex XVII CMRs	Reproductive toxicants: Category 1B
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 v4.0 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
SUBSTANCE NOTES:		

ZINC, ELEMENTAL				ID: 7440-66-6	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARI	D SCREENING DATE: 2024-10-21 7:32:03		
%: 0.1000 - 0.5000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Plating agent	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters		
AQU	GHS - New Zealand		Hazardous to the	e 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

ACOUSTIC PANEL %: 5.0900 - 20.2600

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.

POLYESTER FIBERS ID: 80595-68-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZA	RD SCREENING DATE: 2024-10-21 7:32:03
%: 58.0000 - 65.0000	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

LOW MELTING POLYESTER FIBERS

ID: 80595-68-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD S	SCREENING DATE: 2024-10-21 7:32:04
%: 31.0000 - 41.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
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:				

DLY(LACTIC ACID)				ID: 26100-51-6
AZARD DATA SOURCE: I	Pharos Chemical and Materials Librar	/	HAZARD S	SCREENING DATE: 2024-10-21 7:32:04
4.0000 - 7.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
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

ALUMINUM TRIM %: 8.9200 - 17.7500

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: Ph	naros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 7:32:05
%: 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)	e 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)	e C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products

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

SILICON, ELEMENTAL				ID: 7440-21-3
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARD	SCREENING DATE: 2024-10-21 7:32:06
%: 0.2000 - 0.6000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	arnings found on HPD Priority Hazard Lists

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

HONEYCOMB CORE %: 7.2600 - 11.1600

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Paper or Cardboard

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

OTHER MATERIAL NOTES:

WOOD DUST, CELLULOSE				ID: 9004-34-6
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Librar	у	HAZ	ARD SCREENING DATE: 2024-10-21 7:32:04
%: 92.0000 - 98.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	IARC		Group 1 - Ag	pent is carcinogenic to humans - inhaled from sources
CAN	CA EPA - Prop 65		Carcinogen	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATI	ON
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: P	haros Chemical and Materials Lib	rary	HAZARD S	SCREENING DATE: 2024-10-21 7:32:0
%: 6.0000 - 7.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Filler
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	
EXEMPT	European Union / European EC)	Commission (EU	EU - REACH Exen	nptions
	-,		Exempted from RE safety	EACH Annex IV listing due to intrinsic

DOUBLE WALL CORRUGATED CARDBOARD

%: 1.7000 - 6.7500

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED:

MATERIAL TYPE: Paper or

Cardboard

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

OTHER MATERIAL NOTES:

PULP, CELLULOSE ID: 65996-61-4 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:32:07 %: 96.0000 - 99.0000 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 **NOTIFICATION EXEMPT** European Union / European Commission (EU **EU - REACH Exemptions** EC) Exempted from REACH Annex IV listing due to intrinsic safety SUBSTANCE NOTES:

STARCH				ID: 9005-25-8
HAZARD DATA SOURCE: F	Pharos Chemical and Materials Lib	rary	HAZARD S	SCREENING DATE: 2024-10-21 7:32:07
%: 1.0000 - 4.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
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	nptions
	-,		Exempted from RI safety	EACH Annex IV listing due to intrinsic
SUBSTANCE NOTES:				

MULLION %: 1.6300 - 3.2500

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: 7429-90-5

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZA	RD SCREENING DATE: 2024-10-21 7:32:09	
%: 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 Disrupto	ors	Potential End	ocrine Disruptor	
MAM	GHS - Japan	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	GHS - Malaysia		es fire spontaneously if exposed to air quids; Pyrophoric solids - Category 1]	
PHY	GHS - Australia			es fire spontaneously if exposed to air quids; Pyrophoric solids - Category 1]	
PHY	GHS - New Zealand		Pyrophoric so	olids category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	NO	
RESTRICTED LIST	Cradle to Cradle Products Innovatio (C2CPII)	n Institute		v4.0 Product Standard Restricted ist (RSL) - Effective July 1, 2022	
			Biological and	d Environmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Innovatio (C2CPII)	n Institute		v4.0 Product Standard Restricted ist (RSL) - Effective July 1, 2022	
			Children's Pro	oducts	

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

POWDER COAT %: 1.8700 - 2.1500

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: 2024-10-21 7:32:05

%: 55.4700 GreenScreen: NoGS RC: None NANO: No SUBSTANCE ROLE: Carrier

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

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

HAZARD DATA SOU	RCE: Pharos Chemical and Materials	s Library	HAZARD S	SCREENING DATE: 2024-10-21 7:32:0
%: 34.4800	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOU	RCE	WARNINGS	
CAN	US CDC - Occupationa	l Carcinogens	Occupational Card	cinogen**
CAN	CA EPA - Prop 65		Carcinogen - spec	cific to chemical form or exposure route**
CAN	IARC		Group 2B - Possib	oly carcinogenic to humans - inhaled sources**
CAN	MAK			o 3A - Evidence of carcinogenic effects o establish MAK/BAT value**
END	TEDX - Potential Endoc	crine Disruptors	Potential Endocrin	ne Disruptor**
CAN	MAK		Carcinogen Group	o 4 - Non-genotoxic carcinogen with low AT levels**
CAN	IARC		Group 2b - Possib	oly carcinogenic to humans**
CAN	EU - GHS (H-Statemen	its) Annex 6 Table 3-1	H351 - Suspected Category 2]**	of causing cancer [Carcinogenicity -
CAN	GHS - Japan		H351 - Suspected Category 2]**	of causing cancer [Carcinogenicity -
MAM	GHS - Japan		repeated exposure	amage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]**

UNDISCLOSED

ID: Undisclosed

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)
	L1 / Y	Colorants - Green Circle (Verified Low Concern)

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

TUBE ADHESIVE %: 0.7100 - 1.4100

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: Ui	ndisclosed
HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-	-21 7:32:08

%: 33.1000 GreenScreen: BM-3 RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE LIST NAME AND SOURCE WARNINGS

EYE GHS - New Zealand Eye irritation category 2

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No listings found on Additional Hazard Lists

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:32:09

%: 27.6000 GreenScreen: BM-3 RC: None NANO: No SUBSTANCE ROLE: Filler

^{**}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 TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

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

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZAR	RD SCREENING DATE: 2024-10-21 7:32:1
%: 18.4000 Gr	eenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
None found				No listings found on Additional Hazard Lists

UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE	Pharos Chemical and Materials Libra	ry	HAZARD	SCREENING DATE:	2024-10-21 7:32:06
%: 16.4000	GreenScreen: BM-U	RC: None	NANO: No	SUBSTANCE RC	DLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	MAK		Carcinogen Grou but not sufficient	p 3B - Evidence of ca for classification	rcinogenic effects
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precaution	nary List	
			Precautionary list avoidance	t of substances recom	mended for
RESTRICTED LIST	Green Science Policy Institute	(GSPI)	GSPI - Six Class	es Precautionary List	
			Bisphenols and F	Phthalates	
RESTRICTED LIST	International Living Future Inst	itute (ILFI)		hallenge 4.0 - Red Lis	t of Materials &
			Red List substant V4.0 projects	ces to avoid in Living I	Building Challenge

LAMINATING ADHESIVE

%: 0.7000 - 1.1300

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	1	HAZARD S	SCREENING DATE: 2024-10-21 7:32:07
%: 60.0000 - 80.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Diluent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARD S	SCREENING DATE: 2024-10-21 7:32:08
%: 5.0000 - 25.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Carrier
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	
EXEMPT	European Union / European (Commission (EU	EU - REACH Exer	nptions
	EC)		Exempted from RE safety	EACH Annex IV listing due to intrinsic

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

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: 2024-10-21 7:32:09 %: 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 Hazardous to Waters	Class 3 - Severe Hazard to Waters
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents

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

TOP BRACKET %: 0.2800 - 0.5600

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: **7429-90-5**

HAZARD DATA SOURCE: Pha	eros Chemical and Materials Library		HAZA	ARD SCREENING DATE: 2024-10-21 7:32:1
%: 89.9000 - 100.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Disr	uptors	Potential End	docrine Disruptor
MAM	GHS - Japan		repeated exp	es damage to organs through prolonged or cosure [Specific target organs/systemic toxicity eated exposure - Category 1]
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	
PHY	GHS - Japan		[Substances	ntact with water releases flammable gas and mixtures, which in contact with water, ble gases - Category 2]
PHY	GHS - Malaysia			nes fire spontaneously if exposed to air quids; 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 so	olids category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ON
RESTRICTED LIST	Cradle to Cradle Products Innov (C2CPII)	ation Institute		d v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022
			Biological and	d Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innov (C2CPII)	ation Institute		d v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022
			Children's Pr	oducts

SUBSTANCE NOTES:

BOTTOM BRACKET %: 0.2800 - 0.5600

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

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

ALUMINUM ID: **7429-90-5**

HAZARD DATA SOURCE: Pha	aros Chemical and Materials Libra	ry	HAZA	ARD SCREENING DATE: 2024-10-21 7:32:0
%: 89.9000 - 100.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Structure componer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Di	sruptors	Potential End	docrine Disruptor
MAM	GHS - Japan		repeated exp	es damage to organs through prolonged or cosure [Specific target organs/systemic toxicity eated exposure - Category 1]
MAM	GHS - Japan			es damage to organs [Specific target mic toxicity following single exposure -
PHY	GHS - Japan		[Substances	ntact with water releases flammable gas and mixtures, which in contact with water, ble gases - Category 2]
PHY	GHS - Malaysia			nes fire spontaneously if exposed to air iquids; Pyrophoric solids - Category 1]
PHY	GHS - Australia			nes fire spontaneously if exposed to air iquids; Pyrophoric solids - Category 1]
PHY	GHS - New Zealand		Pyrophoric so	olids category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ON
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institute		d v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022
			Biological an	d Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institute		d v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022
			Children's Pr	oducts

SUBSTANCE NOTES:

HEX BOLT %: 0.1100 - 0.2300

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.

IRON, ELEMENTAL				ID: 7439-89-6
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-21 7:32:07		
%: 97.6200 Gre	enScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Dis	ruptors	Potential End	docrine Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ON
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

%: 0.1100 - 0.2300 FLAT HEX SOCKET SCREW

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 SOUR	CE: Pharos Chemical and Materials Library	у	HAZA	ARD SCREENING DATE: 2024-10-21 7:32:08	
%: 97.5800	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Dis	ruptors	Potential End	locrine Disruptor	
ADDITIONAL LISTING	GS LIST NAME AND SOURCE		NOTIFICATION	N	
None found				No listings found on Additional Hazard Lists	
SUBSTANCE NOTES	:				

ANGLE JOINT %: 0.0000 - 0.1500

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: 7429-90-5

HAZARD DATA SOURCE: Ph	aros Chemical and Materials Libra	ry	HAZA	ARD SCREENING DATE: 2024-10-21 7:32:1	
%: 97.3000 - 99.3500	GreenScreen: BM-1	RC: Both	NANO: No	SUBSTANCE ROLE: Structure componer	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Di	sruptors	Potential Enc	docrine Disruptor	
MAM	GHS - Japan	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			es damage to organs [Specific target mic toxicity following single exposure -	
PHY	GHS - Japan		[Substances	ntact with water releases flammable gas and mixtures, which in contact with water, ble gases - Category 2]	
PHY	GHS - Malaysia			nes fire spontaneously if exposed to air quids; Pyrophoric solids - Category 1]	
PHY	GHS - Australia			nes fire spontaneously if exposed to air quids; Pyrophoric solids - Category 1]	
PHY	GHS - New Zealand		Pyrophoric so	olids category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	ON	
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institute		d v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022	
			Biological and	d Environmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institute		d v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022	
			Children's Pr	oducts	

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

GLASS PANEL ASSEMBLY %: 0.0000 - 52.8900 ALTERNATE

PRODUCT THRESHOLD: 1000 RESIDUALS AND IMPURITIES EVALUATION MATERIAL TYPE: Other: Glass/Metal/Polymeric ppm COMPLETED: Yes Meterial

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

OTHER MATERIAL NOTES: Weight range is greater than 20% due to the Glass Panel Assembly being heavier than the Acoustic Panel

ALTERNATE: This nested material is an alternate nested material to Acoustic Panel.

SODA LIME BOROSILICATE GLASS

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:32:11

%: 74.7900 - 74.8700	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Glass component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No v	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
EXEMPT	European Union / European Co EC)	mmission (EU	EU - REACH E	xemptions
	•		Exempted from safety	REACH Annex V listing due to intrinsic
SUBSTANCE NOTES:				

IRON, ELEMENTAL			ID: 7439-89-6		
	HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZA	ARD SCREENING DATE: 2024-10-21 7:32:09
	%: 9.7200 - 14.2500	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
	HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	END	TEDX - Potential Endocrine Disru	uptors	Potential End	locrine Disruptor
	ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	NO
	None found				No listings found on Additional Hazard Lists
	SUBSTANCE NOTES:				

MANGANESE				ID: 7439-96-5	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-21 7:32:10		
%: 3.7200	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
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
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
CLIDCTANCE NOTES.		

CHROMIUM	ID: 7440-47-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 7:32:11

HAZARD DATA SOUNCE. Pharos Chemical and Materials Library		HAZARD SCREENING DATE. 2024-10-21 7:32:11		
GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element	
LIST NAME AND SOURCE	≣	WARNINGS		
TEDX - Potential Endocrine	e Disruptors	Potential Endoc	rine Disruptor	
MAK	MAK		Sensitizing Substance Sh - Danger of skin sensitization	
GHS - Japan	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
GHS - New Zealand		Reproductive to:	xicity category 2	
GHS - Japan		•	se allergy or asthma symptoms or lties if inhaled [Respiratory sensitization -	
	GreenScreen: LT-P1 LIST NAME AND SOURCE TEDX - Potential Endocrine MAK GHS - Japan GHS - New Zealand	GreenScreen: LT-P1 RC: None LIST NAME AND SOURCE TEDX - Potential Endocrine Disruptors MAK GHS - Japan GHS - New Zealand	GreenScreen: LT-P1 RC: None NANO: No LIST NAME AND SOURCE WARNINGS TEDX - Potential Endocrine Disruptors Potential Endocrine MAK Sensitizing Substitution GHS - Japan H335 - May cau organ toxicity - Substitution GHS - Japan Reproductive to GHS - Japan H334 - May cau breathing difficu	

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

ZINC, ELEMENTAL

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-21 7:32:12	
%: 2.3300	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Galvanizing
HAZADD TVDE	LIST NAME AND SOLIDCE		WADNINGS	

%: 2.3300	GreenScreen: LI-PI	RG: None	NANO: NO	SUBSTANCE ROLE: Galvanizing
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Waters	Hazardous to	Class 3 - Severe H	Hazard to Waters
AQU	GHS - New Zealand		Hazardous to the	aquatic environment - acute category 1
AQU	GHS - New Zealand		Hazardous to the	aquatic environment - chronic category 1
ADDITIONAL LISTING	S LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institu	ute (GSPI)	GSPI - Six Classe	s Precautionary List
			Antimicrobials	
RESTRICTED LIST	Cradle to Cradle Products I (C2CPII)	nnovation Institute		Product Standard Restricted RSL) - Effective July 1, 2022
			Biological and Env	vironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products I (C2CPII)	nnovation Institute		Product Standard Restricted RSL) - Effective July 1, 2022
			Children's Product	ts

SUBSTANCE NOTES:

UNDISCLOSED	ID: Undisclosed
HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 7:32:12

%: 1.8400 GreenScreen: NoGS RC: None NANO: No SUBSTANCE ROLE: Polymer species

ID: **7440-66-6**

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

SILICON, ELEMENTAL				ID: 7440-21-3
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZARI	O SCREENING DATE: 2024-10-21 7:32:10
%: 0.0000 - 1.1600	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	arnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			١	No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

COPPER				ID: 7440-50-8
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARE	O SCREENING DATE: 2024-10-21 7:32:11	
%: 0.8100	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Waters	Hazardous to	Class 3 - Severe	e Hazard to Waters
AQU	EU - GHS (H-Statements) A	Annex 6 Table 3-1		aquatic life with long lasting effects ne aquatic environment (chronic) -
МАМ	GHS - Japan			se respiratory irritation [Specific target Single exposure - Category 3]
МАМ	GHS - Japan			damage to organs [Specific target toxicity following single exposure -

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
SUBSTANCE NOTES:		

NICKEL

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-10-21 7:32:13

%: 0.2300 - 0.7000

GreenScreen: LT-1

RC: None

NANO: No SUBSTANCE ROLE: Alloy element

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

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Certain Metals
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Footwear, Apparel & Jewelry Products
011000111000110000		

SUBSTANCE NOTES:

ALUMINUM		ID: 7429-90-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARI	O SCREENING DATE: 2024-10-21 7:32:12
%: 0.7000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOU	RCE	WARNINGS	
END	TEDX - Potential Endo	TEDX - Potential Endocrine Disruptors		rine Disruptor
MAM	GHS - Japan	GHS - Japan		damage to organs through prolonged or ure [Specific target organs/systemic toxicity ed exposure - Category 1]
MAM	GHS - Japan			damage to organs [Specific target toxicity following single exposure -
PHY	GHS - Japan		[Substances and	ct with water releases flammable gas d mixtures, which in contact with water, gases - Category 2]
PHY	GHS - Malaysia			fire spontaneously if exposed to air ds; Pyrophoric solids - Category 1]
PHY	GHS - Australia			fire spontaneously if exposed to air ds; Pyrophoric solids - Category 1]
PHY	GHS - New Zealand		Pyrophoric solid	s category 1

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

HYDROCHLORIC ACID	ID: 7647-01-0
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HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD S	SCREENING DATE: 2024-10-21 7:32:13
%: 0.7000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOUP	RCE	WARNINGS	
MAM	US EPA - EPCRA Extre Substances	emely Hazardous	Extremely Hazard	ous Substances
SKI	EU - GHS (H-Statemen	ts) Annex 6 Table 3-1		vere skin burns and eye damage [Skin - Category 1A or 1B or 1C]
MAM	EU - GHS (H-Statemen	ts) Annex 6 Table 3-1	H331 - Toxic if inh Category 3]	aled [Acute toxicity (inhalation) -
MAM	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic toxicity exposure - Category 1]
MAM	GHS - Japan			mage to organs [Specific target oxicity following single exposure -
EYE	GHS - New Zealand		Serious eye dama	ge category 1
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]
SKI	GHS - Australia			vere skin burns and eye damage [Skin - Category 1A or 1B or 1C]
MAM	GHS - New Zealand		Acute inhalation to	oxicity category 2
AQU	GHS - Japan		H400 - Very toxic environment (acut	to aquatic life [Hazardous to the aquatic e) - Category 1]
AQU	GHS - Korea		H400 - Very toxic environment (acut	to aquatic life [Hazardous to the aquatic e) - Category 1]
SKI	GHS - Korea		H314 - Causes se corrosion/irritation	vere skin burns and eye damage [Skin - Category 1]
SKI	GHS - New Zealand		Skin corrosion cat	egory 1B
MAM	GHS - Korea		H301 - Toxic if swa	allowed [Acute toxicity (oral) - Category

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:		

LIAZADD DATA COLIDOR				0005511110 0045
HAZARD DATA SOURCE	Pharos Chemical and Materials Libi	ary	HAZARL	D SCREENING DATE: 2024-10-21 7:32:11
%: 0.2600 G	reenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		=	se damage to organs [Specific target toxicity following single exposure -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		I.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Biological and E	nvironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		I.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Children's Produ	ucts

MOLYBDENUM					ID: 7439-98-7
HAZARD DATA SOURC	E: Pharos Chemical and Materials Library		HAZARI	SCREENING DATE:	2024-10-21 7:32:12
%: 0.2600	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROL	E: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - Japan			se respiratory irritation Single exposure - Categ	
SKI	GHS - Japan		H315 - Causes s Category 2]	skin irritation [Skin corre	osion / irritation -
REP	GHS - New Zealand		Reproductive to	xicity category 2	
ADDITIONAL LISTINGS	S LIST NAME AND SOURCE		NOTIFICATION		
None found			N	No listings found on Add	ditional Hazard Lists
SUBSTANCE NOTES:					

PORCELAIN STEEL WRITING SURFACE %: 0.0000 - 16.0300 ALTERNATE

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: ALTERNATE: This nested material is an alternate nested material to Acoustic Panel.

HAZARD DATA SOURCE: PI	haros Chemical and Materials Librar	y	HAZA	ARD SCREENING DATE: 2024-10-21 7:33:21
%: 95.0000 Gre	enScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No	o warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	N
None found				No listings found on Additional Hazard Lists

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: P	haros Chemical and Materials Libra	ry	HAZAR	D SCREENING DATE: 2024-10-21 7:40:58
%: 0.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

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

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	1	HAZAF	RD SCREENING DATE: 2024-10-21 7:41:34
%: 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 Grorisk under MAK	oup 4 - Non-genotoxic carcinogen with low (/BAT levels
MAM	GHS - Japan		•	use respiratory irritation [Specific target Single exposure - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
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: 2024-10-21 7:34:23

%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	GHS - Japan		H350 - May cau	use cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia		H350i - May cause cancer by inhalation [Carcinogenicity Category 1A or 1B]	
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxici following repeated exposure - Category 1]	
MAM	GHS - Australia		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N. Company of the Com
RESTRICTED LIST	Green Science Policy Institute (C	GSPI)	GSPI - Six Clas	sses Precautionary List
			Antimicrobials	

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: I	Pharos Chemical and Materials Li	brary	HAZAR	RD SCREENING DATE: 2024-10-21 7:34:52
%: 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 Toxicity - Category 1B
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
REP	GHS - Korea	H360 - May damage fertility or the unborn child [Reproductive toxicity - Category 1]
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
REP	EU - SVHC List	Toxic to reproduction - Candidate list
REP	EU - SVHC List	Toxic to reproduction - Prioritized for listing
REP	EU - REACH Annex XVII CMRs	Reproductive toxicants: Category 1B
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation 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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-10-21 7:35:21

**O.0000 - 5.0000 ALT GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

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

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: 2024-10-21 7:36:03 %: 0.0000 - 5.0000 ALT GreenScreen: BM-2 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 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 Boron oxide.

UNDISCLOSED ID: Undisclosed HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:37:08 %: 0.0000 - 5.0000 ALT GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species HAZARD TYPE LIST NAME AND SOURCE **WARNINGS** None found No warnings found on HPD Priority Hazard Lists ADDITIONAL LISTINGS LIST NAME AND SOURCE **NOTIFICATION** 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: 2024-10-21 7:37:50

%: 0.0000 - 5.0000 ALT GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1C
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials

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

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	ibrary	HAZAR	RD SCREENING DATE: 2024-10-21 7:38:25
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:38:53

%: 0.0000 - 5.0000 GreenScreen: BM-2 RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

HAZARD DATA SOURCE:	Pharos Chemical and Materials L	ibrary	HAZAR	D SCREENING DATE: 2024-10-21 7:39:31
%: 0.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances 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]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
EYE	GHS - New Zealand	Eye irritation 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 - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
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 Li	brary	HAZAR	RD SCREENING DATE: 2024-10-21 7:39:54
%: 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 Hazardous to Waters	Class 3 - Severe Hazard to Waters
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]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
MAM	GHS - New Zealand	Acute inhalation toxicity category 2
REP	GHS - New Zealand	Reproductive toxicity category 2
REP	GHS - New Zealand	Effects on or via lactation
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	orary	HAZAR	RD SCREENING DATE: 2024-10-21 7:40:28
%: 0.0000 - 5.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a
CAN	GHS - New Zealand	Carcinogenicity category 2
SKI	GHS - New Zealand	Skin sensitisation 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

HAZARD DATA SOURCE: Ph	naros Chemical and Materials Library	/	HAZARD	SCREENING DATE: 2024-10-21 7:56:48
%: 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	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	o 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: P	haros Chemical and Materials Libra	ry	HAZARD S	SCREENING DATE: 2024-10-21 7:55:53
%: 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

UNDISCLOSED

ID: Undisclosed

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: 2024-10-21 7:55:04
%: 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	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	o 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.

HAZARD DATA SOURCE: Ph	aros Chemical and Materials Libra	ry	HAZARD	SCREENING DATE: 2024-10-21 7:54:2	
%: 0.0000 - 1.0000 ALT	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	MAK	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**	
MAM	GHS - Japan	5 5		amage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]**	
MAM	GHS - Japan			amage to organs [Specific target oxicity following single exposure -	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No	b listings found on Additional Hazard Lists	

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

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 7:45:57

%: 0.0000 - 1.0000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Filler

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

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: Pharo	S Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-21 7:53:		2024-10-21 7:53:34
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE RO	LE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	MAK		Carcinogen Group man	2 - Considered to be	carcinogenic for
RES	MAK		Sensitizing Substar sensitization	nce Sah - Danger of a	airway & skin
GEN	MAK		Germ Cell Mutager	n 3a	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innova (C2CPII)	ation Institute		Product Standard Re SL) - Effective July 1,	
			Biological and Envi	ronmentally Released	d Materials
RESTRICTED LIST	Cradle to Cradle Products Innova (C2CPII)	ation Institute		Product Standard Re SL) - Effective July 1,	
			Children's Products	3	

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

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

AZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-21 7:42:30			
%: 0.0000 - 1.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species		
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS			
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen**			
CAN	CA EPA - Prop 65	IARC		Carcinogen - specific to chemical form or exposure route**		
CAN	IARC			ssibly carcinogenic to humans - inhaled nal sources**		
CAN	MAK		· ·	oup 3A - Evidence of carcinogenic effects		

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

		ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			D SCREENING DATE: 2024-10-21 7:43:18
GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
LIST NAME AND SOURCE		WARNINGS	
MAK		Carcinogen Gro risk under MAK	oup 4 - Non-genotoxic carcinogen with low //BAT levels
GHS - New Zealand		Eye irritation ca	ategory 2
LIST NAME AND SOURCE		NOTIFICATION	N
			No listings found on Additional Hazard Lists
	GreenScreen: LT-P1 LIST NAME AND SOURCE MAK GHS - New Zealand	GreenScreen: LT-P1 RC: None LIST NAME AND SOURCE MAK GHS - New Zealand	GreenScreen: LT-P1 RC: None NANO: No LIST NAME AND SOURCE WARNINGS MAK Carcinogen Grorisk under MAK GHS - New Zealand Eye irritation ca

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

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

HAZARD DATA SOURCE: I	Pharos Chemical and Materials Library	/	HAZAR	D SCREENING DATE: 2024-10-21 7:43:4
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		ŭ	oup 3B - Evidence of carcinogenic effects nt for classification
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
None found				No listings found on Additional Hazard Lists

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

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

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-21 7:44:23		
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
EYE	GHS - New Zealand	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	1	
None found				No listings found on Additional Hazard Lists	

ALTERNATE: This substance is an alternate substance to Kaolin.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZAR	D SCREENING DATE: 2024-10-21 7:45:14
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No w	varnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	I
None found				No listings found on Additional Hazard Lists

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

ALTERNATE: This substance is an alternate substance to Kaolin.

JNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Librar	у	HAZARD :	SCREENING DATE: 2024-10-21 7:52:29
%: 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

 $\label{eq:alternate} \textbf{ALTERNATE: This substance is an alternate substance to Chromium (III) oxide.}$

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	aros Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-21 7:51:17	
%: 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	
MAM	GHS - Japan		repeated exposure	amage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		Product Standard Restricted RSL) - Effective July 1, 2022	
			Biological and Env	vironmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	novation Institute		Product Standard Restricted RSL) - Effective July 1, 2022	
			Children's Product	ts	

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-10-21 7:50:25

%: 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 Carcinogens	Occupational Carcinogen**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)**
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man**
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**
CAN	IARC	Group 1 - Agent is Carcinogenic to humans**
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen**
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]**
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]**
CAN	GHS - New Zealand	Carcinogenicity category 1**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

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

UNDISCLOSED ID: Undisclo					
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-21 7:49:2		
%: 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	rnings found on HPD Priority Hazard Lists	

^{**}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	
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions	
		Exempted from REACH Annex IV listing due to intrinsic safety	
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)	
		Chelating Agents - Green Circle (Verified Low Concern)	

UNDISCLOSED	ID: Undisclosed
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HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-21 7:48:53				
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species		
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS			
END	TEDX - Potential Endocrine Dis	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
REP	EU - Annex VI CMRs	EU - Annex VI CMRs		Reproductive Toxicity - Category 1B		
MUL	ChemSec - SIN List	ChemSec - SIN List		CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
REP	GHS - Japan	GHS - Japan		H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]		
REP	GHS - Australia	GHS - Australia		H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]		
REP	EU - GHS (H-Statements) Anne	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	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
EYE	GHS - New Zealand	GHS - New Zealand		Eye irritation category 2		
MAM	GHS - Japan	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
MAM	GHS - Japan	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
SKI	GHS - Japan	GHS - Japan		skin irritation [Skin corrosion / irritation -		
REP	GHS - New Zealand	GHS - New Zealand		Reproductive toxicity category 2		
REP	EU - SVHC List	EU - SVHC List		Toxic to reproduction - Candidate list		
REP	EU - SVHC List	EU - SVHC List		Toxic to reproduction - Prioritized for listing		
REP	EU - REACH Annex XVII CMRs	EU - REACH Annex XVII CMRs		Reproductive toxicants: Category 1B		

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

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

UNDISCLOSED				ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-21 7:48:07			
%: 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 category 2		
EYE	GHS - New Zealand		Eye irritation category 2		
EYE	GHS - Japan		H318 - Causes serious eye damage [Serious eye damage eye irritation - Category 1]		
SKI	GHS - Japan		H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No	listings found on Additional Hazard Lists	

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

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

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-21 7:47:19			
%: 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	GHS - New Zealand		Skin irritation category 2		
EYE	GHS - New Zealand	GHS - New Zealand		Eye irritation category 2		
SKI	GHS - Japan	apan		H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]		
EYE	GHS - Japan	GHS - Japan		H319 - Causes serious eye irritation [Serious eye damage eye irritation - Category 2A]		
EYE	GHS - Australia		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION			
None found			No	listings found on Additional Hazard Lists		

SUBSTANCE NOTES: 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: 2024-10-21 7:46:32		
%: 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.



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://www.calyxbyclaridge.com/

CONTACT NAME: Rick Gomory

TITLE: Marketing Content and Sustainability Manager

PHONE: **800-364-2422**

EMAIL: rgomory@claridgeproducts.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

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

