# Porcelain Marker Wall by Claridge Products

# Health Product Declaration v2.3

created via: HPDC Online Builder

# HPD UNIQUE IDENTIFIER: 3108713686016

CLASSIFICATION: 10 11 43 Visual Display Wall Panels

**PRODUCT DESCRIPTION:** Porcelain Marker Walls offer a room-size presentation surface designed for heavy use and multiple-format presentations. Cover an entire wall, floor-to-ceiling, up to 10' and utilize all available space. Ideal for offices, boardrooms, conference rooms, and anywhere ideas are shared.

# Section 1: Summary

#### **CONTENT INVENTORY**

#### **Inventory Reporting Format**

Nested Materials Method
 Basic Method

## \_. . . . . . . . .

Threshold Disclosed Per

C Material

O Product

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

C Other

**Residuals/Impurities Evaluation** Completed in 7 of 7 Materials

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

# **Nested Method / Product Threshold**

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

## CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

# **NESTED MATERIAL | MATERIAL OR SUBSTANCE |** *RESIDUAL OR IMPURITY*

# GREENSCREEN SCORE | HAZARD TYPE

MDF [ WOOD DUST (HARD AND SOFT WOOD) UREA, POLYMER WITH FORMALDEHYDE AND 1,3,5-TRIAZINE-2,4,6-TRIAMINE LT-UNK UREA FORMALDEHYDE LT-P1 | SKI DECOR PAPERS UREA LT-UNK EYE TITANIUM DIOXIDE BM-1 \* | CAN | END | MAM MELAMINE/FORMALDEHYDE RESIN LT-UNK CARBON BLACK BM-1 \* | CAN | EYE | MAM | PHY ] PORCELAIN STEEL WRITING SURFACE [ UNDISCLOSED NoGS UNDISCLOSED LT-1 | CAN | RES | GEN | SKI UNDISCLOSED BM-1 | MUL | EYE | MAM | GEN | REP UNDISCLOSED LT-P1 | SKI | EYE | MAM UNDISCLOSED BM-3dg | CAN | MAM UNDISCLOSED BM-2 | MAM UNDISCLOSED LT-P1 | MUL | AQU | MAM | EYE UNDISCLOSED BM-1 | END | MUL | AQU | MAM | REP UNDISCLOSED BM-1 | REP | MUL | MAM | SKI | EYE UNDISCLOSED BM-1 CAN | MAM UNDISCLOSED BM-1 | SKI | MAM UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | END | MUL | AQU | MAM | EYE | GEN | REP | PHY | DEV UNDISCLOSED LT-UNK | CAN UNDISCLOSED LT-1 \* | CAN ] ALUMINUM TRIM [ ALUMINUM BM-1 | END | MAM | PHY ] VINY T-MOLD [ UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED BM-2dg | ALUMINUM SPLINE TRIM [ ALUMINUM BM-1 | END | MAM | PHY ] LAMINATING ADHESIVE [ UNDISCLOSED LT-UNK UNDISCLOSED BM-4 UNDISCLOSED LT-P1 | MUL ] MYLAR BACKING [ POLYESTER LT-P1 ]

# VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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

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

Nanomaterial ... No

## INVENTORY AND SCREENING NOTES:

Special Conditions applied: [BiologicalMaterial]

This product inventory was screened to the 1000 ppm threshold.

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

**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.

Third Party Verified?

C Yes⊙ No

PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2024-10-21 PUBLISHED DATE: 2024-10-21 EXPIRY DATE: 2027-10-21 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

IDF	%: 61.6500				
RODUCT THRESHOLD: 10	000 ppm RESIDUALS AND IMPU	RITIES EVALUATIC	N COMPLETED:	Yes MATERIA	L TYPE: Wood or Lumb
ESIDUALS AND IMPURITI	ES NOTES: Residuals and Impurities	s were evaluated and	I determined to be	e below the 1,000 p	om threshold.
THER MATERIAL NOTES:					
WOOD DUST (HARD AND	SOFT WOOD)				ID: Biological Materi
HAZARD DATA SOURCE:	HPDC Special Conditions Policy				
%: 76.0000 - 93.0000	GreenScreen: Not Required	RC: PreC	NANO: No	MATERIAL ROLE	Structure component
HAZARD TYPE	AGENCY AND LIST TITL	ES	WARNINGS		
	Hazard Screening is	not applicable to the	s Special Conditio	n	
BIOLOGICAL MATERIAL	S CATEGORY: Tree-based materials	;			
INGREDIENT DESCRIPT	ION: Wood				
substances during normal biological materials.	OTES: This disclosure does not provide metabolic activities, pesticides, and o	other potential hazaı			
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE	metabolic activities, pesticides, and o	other potential hazar	ds or sources of h	azards which may l	ID: <b>25036-13</b>
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE:	ORMALDEHYDE AND 1,3,5-TRIAZI	other potential hazar NE- ibrary	ds or sources of h	azards which may l	ID: <b>25036-13</b> ATE: <b>2024-10-21 9:22:</b>
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE	metabolic activities, pesticides, and o	other potential hazar	ds or sources of h	azards which may l	ID: <b>25036-13</b> ATE: <b>2024-10-21 9:22:</b>
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE:	ORMALDEHYDE AND 1,3,5-TRIAZI	other potential hazar NE- ibrary RC: None	ds or sources of h	azards which may l	ID: <b>25036-13</b> ATE: <b>2024-10-21 9:22:</b>
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000	ORMALDEHYDE AND 1,3,5-TRIAZI Pharos Chemical and Materials L GreenScreen: LT-UNK	other potential hazar NE- ibrary RC: None	ds or sources of h HAZAF NANO: <b>No</b> WARNINGS	azards which may l RD SCREENING DA SUBSTANCE F	ID: <b>25036-13</b> ATE: <b>2024-10-21 9:22:</b> ROLE: <b>Polymer species</b>
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000 HAZARD TYPE	ORMALDEHYDE AND 1,3,5-TRIAZI Pharos Chemical and Materials L GreenScreen: LT-UNK	NE- ibrary RC: None	ds or sources of h HAZAF NANO: <b>No</b> WARNINGS	azards which may l RD SCREENING DA SUBSTANCE F warnings found on H	ID: 25036-13 ATE: 2024-10-21 9:22: ROLE: Polymer species
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000 HAZARD TYPE None found	ORMALDEHYDE AND 1,3,5-TRIAZI Pharos Chemical and Materials L GreenScreen: LT-UNK LIST NAME AND SOURC	NE- ibrary RC: None	ds or sources of h HAZAF NANO: <b>No</b> WARNINGS No v	azards which may l RD SCREENING DA SUBSTANCE F warnings found on H	ID: <b>25036-13</b> ATE: <b>2024-10-21 9:22:</b> ROLE: <b>Polymer species</b>
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000 HAZARD TYPE None found ADDITIONAL LISTINGS	ORMALDEHYDE AND 1,3,5-TRIAZI Pharos Chemical and Materials L GreenScreen: LT-UNK LIST NAME AND SOURC	NE- ibrary RC: None	HAZAF NANO: <b>No</b> WARNINGS No v NOTIFICATION P&W - Precaut	azards which may l RD SCREENING DA SUBSTANCE F warnings found on H	ID: 25036-13 ATE: 2024-10-21 9:22: ROLE: Polymer species HPD Priority Hazard List
substances during normal biological materials. UREA, POLYMER WITH F 2,4,6-TRIAMINE HAZARD DATA SOURCE: %: 0.0000 - 18.0000 HAZARD TYPE None found ADDITIONAL LISTINGS	ORMALDEHYDE AND 1,3,5-TRIAZI Pharos Chemical and Materials L GreenScreen: LT-UNK LIST NAME AND SOURC	NE- ibrary RC: None	ds or sources of h HAZAF NANO: <b>No</b> WARNINGS No v NOTIFICATION P&W - Precaut Precautionary I avoidance Living Building	azards which may l RD SCREENING DA SUBSTANCE F warnings found on H N ionary List list of substances re	ID: 25036-13 ATE: 2024-10-21 9:22: ROLE: Polymer species HPD Priority Hazard List ecommended for d List of Materials &

HAZARD DATA SOURCE	E: Pharos Chemical and Materials Lib	orary	HAZAR	RD SCREENING DATE: 2024-10-21 9:22:
%: <b>0.0000 - 15.0000</b>	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin sensitisati	on category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precaut	ionary List
			Precautionary I avoidance	ist of substances recommended for
RESTRICTED LIST	International Living Future I	nstitute (ILFI)		Challenge 4.0 - Red List of Materials & fective April 1, 2024
SUBSTANCE NOTES:			Red List substa V4.0 projects	ances to avoid in Living Building Challenge
				ances to avoid in Living Building Challenge ID: <b>Biological Mater</b>
DECOR PAPERS	E: HPDC Special Conditions Policy			
DECOR PAPERS	E: HPDC Special Conditions Policy GreenScreen: Not Required	RC: None		
DECOR PAPERS			V4.0 projects	ID: Biological Mater
DECOR PAPERS HAZARD DATA SOURCH 6: 0.0000 - 5.0000	GreenScreen: Not Required	6	V4.0 projects	ID: Biological Mater
DECOR PAPERS IAZARD DATA SOURCE 6: 0.0000 - 5.0000 HAZARD TYPE	GreenScreen: Not Required	6	V4.0 projects	ID: Biological Mater
DECOR PAPERS IAZARD DATA SOURCE 6: 0.0000 - 5.0000 HAZARD TYPE	GreenScreen: Not Required AGENCY AND LIST TITLES Hazard Screening is n	6	V4.0 projects	ID: Biological Mater

UREA				ID: <b>57-13-6</b>
HAZARD DATA SOURCE	Pharos Chemical and Materials Libra	ary	HAZAR	RD SCREENING DATE: 2024-10-21 9:22:40
%: 0.1500 - 3.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation ca	ategory 2

LIST NAME AND SOURCE

Green Science Policy Institute (GSPI)

NOTIFICATION

RESTRICTED LIST

GSPI - Six Classes Precautionary List

Antimicrobials

SUBSTANCE NOTES:

# TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	brary	HAZARD S	SCREENING DATE: 2024-10-21 9:22:41
%: 0.0000 - 1.2000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	E	WARNINGS	
CAN	US CDC - Occupational Ca	arcinogens	Occupational Carc	cinogen**
CAN	CA EPA - Prop 65		Carcinogen - spec	ific to chemical form or exposure route**
CAN	IARC		Group 2B - Possib from occupational	bly carcinogenic to humans - inhaled sources**
CAN	МАК			o 3A - Evidence of carcinogenic effects o establish MAK/BAT value**
END	TEDX - Potential Endocrine	e Disruptors	Potential Endocrine Disruptor**	
CAN	МАК		Carcinogen Group risk under MAK/BA	9 4 - Non-genotoxic carcinogen with low AT levels**
CAN	IARC		Group 2b - Possib	ly carcinogenic to humans**
CAN	EU - GHS (H-Statements)	Annex 6 Table 3-1	H351 - Suspected Category 2]**	of causing cancer [Carcinogenicity -
CAN	GHS - Japan		H351 - Suspected Category 2]**	of causing cancer [Carcinogenicity -
MAM	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]**

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
		Colorants - Green Circle (Verified Low Concern)

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

# **MELAMINE/FORMALDEHYDE RESIN**

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	haros Chemical and Materials Library		D SCREENING DATE: 2024-10-21 9:22:41
%: 0.0000 - 1.2000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No w	arnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	International Living Future Ins	stitute (ILFI)	0 0	Challenge 4.0 - Red List of Materials & ective April 1, 2024
			Red List substar V4.0 projects	nces to avoid in Living Building Challenge

SUBSTANCE NOTES:

CARBON BLACK				ID: <b>1333-86-4</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	brary	HAZARD	SCREENING DATE: 2024-10-21 9:22:40
%: <b>0.0000 - 1.0000</b>	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

ID: 9003-08-1

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	IARC	Group 2b - Possibly carcinogenic to humans**
EYE	GHS - New Zealand	Eye irritation category 2**
CAN	GHS - New Zealand	Carcinogenicity category 2**
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
РНҮ	GHS - Japan	H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

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

# PORCELAIN STEEL WRITING SURFACE %: 23.6400

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:

HAZARD DATA SOURCE: Ph	aros Chemical and Materials Librar	у	HAZARD SCREENING DATE: 2024-10-	
%: <b>95.0000</b> Gree	nScreen: 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	NC
None found				No listings found on Additional Hazard Lists

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	ry	HAZAR	D SCREENING DATE: 2024-10-21 9:26:
6: <b>0.0000 - 5.0000</b>	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		Carcinogen Gro man	oup 2 - Considered to be carcinogenic for
RES	МАК		Sensitizing Sub sensitization	ostance Sah - Danger of airway & skin
GEN	MAK		Germ Cell Muta	agen 3a
CAN	GHS - New Zealand		Carcinogenicity	r category 2
SKI	GHS - New Zealand		Skin sensitisati	on category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	J
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institute		4.0 Product Standard Restricted t (RSL) - Effective July 1, 2022
			Biological and I	Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institute		4.0 Product Standard Restricted t (RSL) - Effective July 1, 2022
			Children's Prod	lucts

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	brary	HAZAF	RD SCREENING DATE: 2024-10-21 9:26:02
%: <b>0.0000 - 5.0000</b>	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]
МАМ	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
МАМ	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
SUBSTANCE NOTES: Substa	nce is the intellectual property of the supplier and con	fidential
JNDISCLOSED		ID: Undisclosed
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 9:27:21

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
МАМ	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: F	Pharos Chemical and Materials Librar	у	HAZAR	D SCREENING DATE: 2024-10-21 9:27:49
%: <b>0.0000 - 5.0000</b>	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		Carcinogen Gro risk under MAK	oup 4 - Non-genotoxic carcinogen with low //BAT levels
МАМ	GHS - Japan			use respiratory irritation [Specific target Single exposure - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	J
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Subs	tance is the intellectual property of the s	supplier and cor	fidential	
UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: F	Pharos Chemical and Materials Librar	у	HAZAR	D SCREENING DATE: 2024-10-21 9:25:04
%: <b>0.0000 - 5.0000</b>	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

'n

HPD v2.3 created via HPDC Builder Page 10 of 36

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
МАМ	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation 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: Substance	is the intellectual property of the supplier and con	fidential
UNDISCLOSED		ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZAR	RD SCREENING DATE: 2024-10-21 9:25:40	
%: <b>0.0000 - 5.0000</b>	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	<ul> <li>H410 - Very toxic to aquatic life with long lasting effects</li> <li>[Hazardous to the aquatic environment (chronic) -</li> <li>Category 1]</li> </ul>
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]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
SUBSTANCE NOTES: Substa	nce is the intellectual property of the supplier and c	onfidential
UNDISCLOSED		ID: Undisclose
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 9:24:3
%: <b>0.0000 - 5.0000</b>	GreenScreen: BM-1 RC: None	NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
МАМ	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
SUBSTANCE NOTES: Substar	nce is the intellectual property of the supplier and con	fidential
		ID: Undisclose
JNDISCLOSED	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 9:23:2

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]
МАМ	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: PI	haros Chemical and Materials Librar	у	HAZAR	D SCREENING DATE:	2024-10-21 9:22:43
%: 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 w	varnings found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	1	
None found				No listings found on Ad	ditional Hazard Lists
	ance is the intellectual property of the s		fidential		
ALTERNATE: This substance	is an alternate substance to Boron oxi	de.			
UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE: PI	haros Chemical and Materials Librar	у	HAZAR	D SCREENING DATE:	2024-10-21 9:22:42
%: 0.0000 - 5.0000 ALT	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE	Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
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

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	iry	HAZAR	D SCREENING DATE: 2024-10-21 9:22:4
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
REP	EU - Annex VI CMRs		Reproductive T	oxicity - Category 1B
MUL	ChemSec - SIN List		CMR - Carcino	gen, Mutagen &/or Reproductive Toxicant
REP	GHS - Japan		H360 - May dar reproduction - C	nage fertility or the unborn child [Toxic to Category 1B]
REP	GHS - Australia			damage fertility. May damage the unborn tive toxicity - Category 1A or 1B]
REP	GHS - Korea			nage fertility or the unborn child oxicity - Category 1]
REP	EU - GHS (H-Statements) Ann	nex 6 Table 3-1	-	damage fertility. May damage the unborn tive toxicity - Category 1A or 1B]
MAM	GHS - Japan		•	use respiratory irritation [Specific target Single exposure - Category 3]
SKI	GHS - New Zealand		Skin irritation ca	ategory 2
EYE	GHS - New Zealand		Eye irritation ca	tegory 2
EYE	GHS - Japan		H319 - Causes eye irritation - C	serious eye irritation [Serious eye damage / Category 2A]
REP	EU - SVHC List		Toxic to reprodu	uction - Candidate list
REP	EU - SVHC List		Toxic to reprodu	uction - Prioritized for listing
REP	EU - REACH Annex XVII CMF	Rs	Reproductive to	oxicants: Category 1B

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

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 9:22:41 %: 0.0000 - 5.0000 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Polymer species HAZARD TYPE LIST NAME AND SOURCE WARNINGS CAN GHS - Japan H350 - May cause cancer [Carcinogenicity - Category 1A] 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 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] NOTIFICATION ADDITIONAL LISTINGS LIST NAME AND SOURCE RESTRICTED LIST Green Science Policy Institute (GSPI) GSPI - Six Classes Precautionary List

Antimicrobials

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

UNDISCLOSED

UN	n	C		n	C	
VIV	וט	0		U	Э	U

%: 0.0000 - 5.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substance is	GreenScreen: <b>BM-2</b> LIST NAME AND SOURCE	RC: None	NOTIFICATION	SUBSTANCE ROLE	
None found ADDITIONAL LISTINGS None found			No wa	arnings found on HPD	Priority Hazard List
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	arnings found on HPD	Priority Hazard List
None found	LIST NAME AND SOURCE				
SUBSTANCE NOTES: Substance is			N	lo listings found on Add	ditional Hazard List
	s the intellectual property of the su	pplier and con	ifidential		
ALTERNATE: This substance is an	alternate substance to Boron oxid	e.			
					ID: Undisclos
HAZARD DATA SOURCE: Pharos				SCREENING DATE:	
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE RC	DLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No wa	arnings found on HPD	Priority Hazard List
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			N	lo listings found on Ado	ditional Hazard List
SUBSTANCE NOTES: Substance is	s the intellectual property of the su	pplier and con	ifidential		
ALTERNATE: This substance is an	alternate substance to Chromium	(III) oxide.			
JNDISCLOSED					ID: Undisclos
HAZARD DATA SOURCE: Pharos	Chemical and Materials Library		HAZARD	SCREENING DATE:	2024-10-21 9:39:
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE RC	DLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No wa	arnings found on HPD	Priority Hazard List
			NOTIFICATION		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTITIOATION		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE			lo listings found on Ado	ditional Hazard List

HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library	/	HAZARD	SCREENING DATE: 2024-10-21 9:39:17
%: 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			Nc	b listings found on Additional Hazard Lists

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

UNDISCLOSED

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pha	aros Chemical and Materials Librar	у	HAZARD	SCREENING DATE: 2024-10-21 9:38:2
%: 0.0000 - 1.0000 ALT	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		Carcinogen Group but not sufficient f	o 3B - Evidence of carcinogenic effects or classification**
MAM	GHS - Japan		repeated exposure	amage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]**
МАМ	GHS - Japan			amage to organs [Specific target oxicity following single exposure -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Nc	b listings found on Additional Hazard Lists

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

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

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

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Pharos	Chemical and Materials Lib	brary	HAZARD S	SCREENING DATE: 2024-10-21 9:37:59
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	МАК		Carcinogen Group man	2 - Considered to be	e carcinogenic for
RES	МАК		Sensitizing Substa sensitization	ance Sah - Danger of	airway & skin
GEN	МАК		Germ Cell Mutage	en 3a	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation (C2CPII)	Institute		) Product Standard R RSL) - Effective July 1	
			Biological and Env	vironmentally Release	ed Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation (C2CPII)	Institute		) Product Standard R RSL) - Effective July 1	
			Children's Product	ts	
SUBSTANCE NOTES: Subst	ance is the intellectual property of the supplie	er and conf	idential		
	is an alternate substance to Chromium (III)				
		0/100.			
UNDISCI OSED					ID: Undisclose
UNDISCLOSED	naros Chemical and Materials Library		HAZABD	SCREENING DATE:	ID: Undisclose
	naros Chemical and Materials Library GreenScreen: LT-UNK RO	C: None	HAZARD : NANO: <b>No</b>	SCREENING DATE: SUBSTANCE RO	2024-10-21 9:36:5
HAZARD DATA SOURCE: P		C: None			2024-10-21 9:36:5
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT	GreenScreen: LT-UNK R0	C: None	NANO: <b>No</b> WARNINGS		<b>2024-10-21 9:36:5</b> DLE: <b>Pigment</b>
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE	GreenScreen: LT-UNK R0	C: None	NANO: <b>No</b> WARNINGS	SUBSTANCE RO	<b>2024-10-21 9:36:5</b>
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE	GreenScreen: LT-UNK R0	C: None	NANO: No WARNINGS No war	SUBSTANCE RO	2024-10-21 9:36:5
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found	GreenScreen: LT-UNK RC	C: None	NANO: No WARNINGS No war	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found	GreenScreen: LT-UNK RC		NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	GreenScreen: LT-UNK RC	er and conf	NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	GreenScreen: LT-UNK RO	er and conf	NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	GreenScreen: LT-UNK RO	er and conf	NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa	GreenScreen: LT-UNK RO	er and conf	NANO: No WARNINGS No war NOTIFICATION	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists ditional Hazard Lists
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance	GreenScreen: LT-UNK RO	er and conf	NANO: No WARNINGS No war NOTIFICATION No	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists ditional Hazard Lists
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance	GreenScreen: LT-UNK RC LIST NAME AND SOURCE LIST NAME AND SOURCE	er and conf	NANO: No WARNINGS No war NOTIFICATION No	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists ditional Hazard Lists ID: Undisclose 2024-10-21 9:36:2
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance	GreenScreen: LT-UNK RC LIST NAME AND SOURCE LIST NAME AND SOURCE	er and conf oxide.	NANO: No WARNINGS No war NOTIFICATION No idential	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists ditional Hazard Lists ID: Undisclose 2024-10-21 9:36:2
HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000 ALT HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Substa ALTERNATE: This substance UNDISCLOSED HAZARD DATA SOURCE: Pr %: 0.0000 - 1.0000	GreenScreen: LT-UNK RC LIST NAME AND SOURCE LIST NAME AND SOURCE ance is the intellectual property of the supplie is an alternate substance to Chromium (III) of maros Chemical and Materials Library GreenScreen: BM-1 RC	er and conf oxide.	NANO: No WARNINGS No war NOTIFICATION No idential HAZARD : NANO: No WARNINGS	SUBSTANCE RO	2024-10-21 9:36:5 DLE: Pigment Priority Hazard Lists ditional Hazard Lists ID: Undisclose 2024-10-21 9:36:2 DLE: Pigment

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

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	rary	HAZARD SCREENING DATE: 2024-10-21 9:3		
%: 0.0000 - 1.0000 ALT	GreenScreen: BM-1	RC: None	NANO: No SUBSTANCE ROLE: Structure compor		
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	US CDC - Occupational Car	cinogens	Occupational Carcinogen**		
CAN	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CAN	US NIH - Report on Carcino	gens	Known to be Human Carcinogen (respirable size - occupational setting)**		
CAN	МАК		Carcinogen Group 1 - Substances that cause cancer in man**		
CAN	IARC		Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources**		
CAN	IARC		Group 1 - Agent is Carcinogenic to humans**		
CAN	US NIH - Report on Carcino	gens	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 [Carcinogenic Category 1A or 1B]**		
CAN	GHS - New Zealand		Carcinogenicity category 1**		
МАМ	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxic following repeated exposure - Category 1]**		
GEN	GHS - Japan		H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]**		
MAM	GHS - Australia		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]**		
МАМ	GHS - New Zealand		Specific target organ toxicity - repeated exposure catego 1**		

LIST NAME AND SOURCE

NOTIFICATION

None found

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

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

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

#### UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	rary	HAZARD	SCREENING DATE: 2024-10-21 9:34:
%: <b>0.0000 - 1.0000</b>	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	T European Union / European Commission (EU EC)		EU - REACH Exe	emptions
	,		Exempted from F safety	REACH Annex IV listing due to intrinsic
POSITIVE LIST	US Environmental Protectior EPA)	Agency (US	US EPA - DfE Sa	afer Chemicals Ingredients list (SCIL)
			Chelating Agents	- Green Circle (Verified Low Concern)

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

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZAR	D SCREENING DATE: 2024-10-21 9:34:08
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
EYE	GHS - New Zealand	Eye irritation category 2
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
REP	GHS - New Zealand	Reproductive toxicity category 2
REP	EU - SVHC List	Toxic to reproduction - Candidate list
REP	EU - SVHC List	Toxic to reproduction - Prioritized for listing
REP	EU - REACH Annex XVII CMRs	Reproductive toxicants: Category 1B
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products

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

#### UNDISCLOSED

#### ID: Undisclosed

HAZARD DATA SOURCE:	HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-2		SCREENING DATE: 2024-10-21 9:33:18	
%: 0.0000 - 1.0000 ALT	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Carrier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation cate	gory 2
EYE	GHS - New Zealand		Eye irritation categ	gory 2
EYE	GHS - Japan		H318 - Causes se eye irritation - Cate	rious eye damage [Serious eye damage / egory 1]
SKI	GHS - Japan		H314 - Causes se corrosion / irritatio	evere skin burns and eye damage [Skin n - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

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

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

#### UNDISCLOSED ID: Undisclosed HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21 9:32:33 RC: None %: 0.0000 - 1.0000 ALT GreenScreen: LT-P1 NANO: No SUBSTANCE ROLE: Pigment HAZARD TYPE LIST NAME AND SOURCE WARNINGS SKI GHS - New Zealand Skin irritation category 2 EYE GHS - New Zealand Eye irritation category 2 SKI GHS - Japan H315 - Causes skin irritation [Skin corrosion / irritation -Category 2] EYE GHS - Japan H319 - Causes 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 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 Sodium nitrite.

UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARD S	CREENING DATE:	2024-10-21 9:32:01
%: 0.0000 - 1.0000 ALT	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE R	OLE: 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 Ad	ditional Hazard Lists
SUBSTANCE NOTES: Sub	stance is the intellectual property of the s	supplier and con	fidential		
ALTERNATE: This substan	ce is an alternate substance to Sodium r	itrite.			
I					
UNDISCLOSED					ID: Undisclosed

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	orary	HAZARD S	CREENING DATE: 2024-10-21 9:31:15
%: <b>0.0000 - 1.0000</b>	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]
МАМ	GHS - Korea	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
GEN	GHS - New Zealand	Germ cell mutagenicity category 2
MAM	GHS - Australia	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	GHS - New Zealand	Acute oral toxicity category 3
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
AQU	GHS - Australia	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
MAM	GHS - Japan	H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]
РНҮ	GHS - Korea	H272 - May intensify fire; oxidizer [Oxidizing solids - Category 2]
DEV	GHS - Japan	H362 - May cause harm to breast-fed children [Developmental Toxicity - May cause harm to breast-fed children]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	4	
None found				No listings found on Add	ditional Hazard Lists
SUBSTANCE NOTES: Subs	tance is the intellectual property of the su	pplier and con	fidential		
UNDISCLOSED					ID: Undisclose
HAZARD DATA SOURCE: P	Pharos Chemical and Materials Library		HAZAR	D SCREENING DATE:	2024-10-21 9:30:5
%: 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 v	varnings found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	١	
None found				No listings found on Add	ditional Hazard Lists
	tance is the intellectual property of the su		6 - l t - l		
ALTERNATE: This substance	e is an alternate substance to Kaolin.				
ALTERNATE: This substanc	e is an alternate substance to Kaolin.				
ALTERNATE: This substanc	e is an alternate substance to Kaolin.				
ALTERNATE: This substanc	e is an alternate substance to Kaolin.				
ALTERNATE: This substanc	e is an alternate substance to Kaolin.				ID: Undisclose
UNDISCLOSED	e is an alternate substance to Kaolin. Pharos Chemical and Materials Library		HAZAR	D SCREENING DATE:	
UNDISCLOSED		RC: None	HAZAR NANO: <b>No</b>	D SCREENING DATE: SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED Hazard data source: P	Pharos Chemical and Materials Library				2024-10-21 9:30:1
UNDISCLOSED Hazard Data Source: P %: 0.0000 - 1.0000 ALT	Pharos Chemical and Materials Library GreenScreen: LT-UNK		NANO: <b>No</b>	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE		NANO: <b>No</b> WARNINGS	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand		NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE ADDITIONAL LISTINGS None found	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand	RC: None	NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subs	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE	RC: None	NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subs	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE	RC: None	NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subs	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE	RC: None	NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subs	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE	RC: None	NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subs ALTERNATE: This substanc	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE	RC: None	NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION	SUBSTANCE ROLE	2024-10-21 9:30:1
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subs ALTERNATE: This substance	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE tance is the intellectual property of the su e is an alternate substance to Kaolin.	RC: None	NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION	SUBSTANCE ROLE	2024-10-21 9:30:1 Polymer species ditional Hazard Lists ID: Undisclose 2024-10-21 9:29:4
UNDISCLOSED HAZARD DATA SOURCE: P %: 0.0000 - 1.0000 ALT HAZARD TYPE EYE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Subs ALTERNATE: This substanc	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE GHS - New Zealand LIST NAME AND SOURCE tance is the intellectual property of the su e is an alternate substance to Kaolin. Pharos Chemical and Materials Library	RC: None	NANO: <b>No</b> WARNINGS Eye irritation ca NOTIFICATION fidential	SUBSTANCE ROLE	2024-10-21 9:30:1

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 9:29:25 %: 0.0000 - 1.0000 ALT GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species HAZARD TYPE LIST NAME AND SOURCE WARNINGS CAN MAK Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels EYE GHS - New Zealand Eye irritation category 2 ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION 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 Titanium dioxide (Rutile).

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libr	ary	HAZAR	RD SCREENING DATE: 2024-10-21 9:28:46
%: 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 Carc	inogens	Occupational C	Carcinogen**
CAN	CA EPA - Prop 65		Carcinogen - s	pecific to chemical form or exposure route**
CAN	IARC		Group 2B - Pos from occupation	ssibly carcinogenic to humans - inhaled nal sources**
CAN	МАК		-	oup 3A - Evidence of carcinogenic effects nt to establish MAK/BAT value**
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
RESTRICTED LIST	Cradle to Cradle Products Inr (C2CPII)	novation Institute		v4.0 Product Standard Restricted st (RSL) - Effective July 1, 2022
			Cosmetics & Po	ersonal Care Products

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

**ALUMINUM TRIM** 

%: 5.6700

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:

HAZARD DATA SOURCE: Pha	aros Chemical and Materials Library		HAZA	ARD SCREENING DATE: 2024-10-21 9:22:43
%: 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 Disrupt	ors	Potential End	locrine Disruptor
МАМ	GHS - Japan		repeated exp	es damage to organs through prolonged or osure [Specific target organs/systemic toxicity eated exposure - Category 1]
МАМ	GHS - Japan			es damage to organs [Specific target mic toxicity following single exposure -
РНҮ	GHS - Japan		[Substances	ntact with water releases flammable gas and mixtures, which in contact with water, ple gases - Category 2]
РНҮ	GHS - Malaysia			es fire spontaneously if exposed to air quids; Pyrophoric solids - Category 1]
РНҮ	GHS - Australia			es fire spontaneously if exposed to air quids; Pyrophoric solids - Category 1]
PHY	GHS - New Zealand		Pyrophoric so	olids category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	NC
RESTRICTED LIST	Cradle to Cradle Products Innovation (C2CPII)	on Institute		l v4.0 Product Standard Restricted .ist (RSL) - Effective July 1, 2022
			Biological and	d Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation (C2CPII)	on Institute		l 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.

# **VINY T-MOLD**

%: 4.9200

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:

AZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZA	ARD SCREENING DATE: 2024-10-21 9:22:44
%: <b>89.5000 - 98.0000</b>	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			Nc	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	DN
None found				No listings found on Additional Hazard Lists

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZARD	SCREENING DATE: 2024-10-21 9:22:42
%: 1.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD	SCREENING DATE: 2024-10-21 9:22:44
%: 1.0000 - 5.0000	GreenScreen: BM-2dg	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wa	rnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			Ν	o listings found on Additional Hazard Lists
SUBSTANCE NOTES: Su	ubstance is the intellectual property of the su	upplier and con	fidential	
ALUMINUM SPLINE TRIM	%: 2.2700			

UNDISCLOSED

PRODUCT	THRESHOLD:	1000 ppm
11100001	THILEOHOLD.	1000 ppm

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

OTHER MATERIAL NOTES:

**ALUMINUM** 

ID.	7/20	00 5
11.7.	1429	-90-0

HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-10-21 9:22:4		
%: <b>97.3000 - 99.3500</b>	GreenScreen: BM-1 RC: Both	NANO: No SUBSTANCE ROLE: Structure componen		
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
РНҮ	GHS - Japan	H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]		
РНҮ	GHS - Malaysia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]		
РНҮ	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]		
РНҮ	GHS - New Zealand	Pyrophoric solids category 1		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Biological and Environmentally Released Materials		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Children's Products		

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

# LAMINATING ADHESIVE

%: 1.5500

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 9:22:43

%: 60.0000 - 80.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dilu	ent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No war	nings found on HPD Priority Ha	azard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No	listings found on Additional Ha	zard Lists
SUBSTANCE NOTES: Su	ubstance is the intellectual property of the	e supplier and con	fidential		
UNDISCLOSED				ID: UI	ndisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARD S	SCREENING DATE: 2024-10-	21 9:22:44
%: 5.0000 - 25.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Carr	ier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No wan	nings found on HPD Priority Ha	azard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
EXEMPT	European Union / European ( EC)	Commission (EU	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety		
	20)				itrinsic
SUBSTANCE NOTES: Su	ibstance is the intellectual property of the	e supplier and con	fidential		
UNDISCLOSED				ID: UI	ndisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARD S	SCREENING DATE: 2024-10-	21 9:22:44
%: 5.0000 - 15.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Solv	ent

UNDISCLOSED				ID: Undisclosed		
HAZARD DATA SOURCE: P	haros Chemical and Materials Lil	Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-21 9:22:4		
%: 5.0000 - 15.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Solvent		
HAZARD TYPE	LIST NAME AND SOURCE	<u>.</u>	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 Institu	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List		
			Some Solvents			

MYLAR BACKING	%: 0.3000				
PRODUCT THRESHOLD:	1000 ppm RESIDUALS AND IMP	PURITIES EVALUATION	I COMPLETED: Ye	S MATERIAL TYP	E: Polymeric Material
RESIDUALS AND IMPURI	TIES NOTES: Residuals and Impurit	ties were evaluated and	determined to be b	elow the 1,000 ppm th	nreshold.
OTHER MATERIAL NOTES	S:				
POLYESTER					ID: 25038-59-9
HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-21					2024-10-21 9:22:43
%: 99.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE	Polymer species
HAZARD TYPE	LIST NAME AND SOU	RCE	WARNINGS		
None found			No wa	arnings found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOU	RCE	NOTIFICATION		
None found			N	lo listings found on Ad	ditional Hazard Lists
SUBSTANCE NOTES:					

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

## **VOC EMISSIONS**

## SCS Indoor Advantage Gold - Classroom & Office scenario

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

CERTIFICATION AND COMPLIANCE NOTES:

# 😑 Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

# Section 5: General Notes

# MANUFACTURER INFORMATION

MANUFACTURER: Claridge Products ADDRESS: 480 Wrangler Drive Suite 200 Coppell, Texas 75019 COUNTRY: USA WEBSITE: https://www.calyxbyclaridge.com/ CONTACT NAME: Rick Gomory TITLE: Marketing Content and Sustainability Manager PHONE: 800-364-2422 EMAIL: rgomory@claridgeproducts.com

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

#### KEY

# Hazard Types

AQU Aquatic toxicity CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation GLO Global warming LAN Land toxicity MAM Mammalian/systemic/organ toxicity MUL Multiple NEU Neurotoxicity NF Not found on Priority Hazard Lists OZO Ozone depletion PBT Persistent, bioaccumulative, and toxic PHY Physical hazard (flammable or reactive) REP Reproductive RES Respiratory sensitization SKI Skin sensitization/irritation/corrosivity UNK Unknown

LT-P1 List Translator Possible 1 (Possible Benchmark-1) LT-1 List Translator 1 (Likely Benchmark-1) LT-UNK List Translator Benchmark Unknown NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

#### **Recycled Types**

GreenScreen (GS)

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

BM-4 Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement) **BM-2** Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (due to insufficient data)

#### Other Terms:

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

**Inventory Methods:** 

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

Nano Composed of nano scale particles or nanotechnology Third Party Verified Verification by independent certifier approved by HPDC Preparer Third party preparer, if not self-prepared by manufacturer Applicable facilities Manufacturing sites to which testing applies

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

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

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

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

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

for compliance with the HPD standard noted.