## MOZ™ Design - Corrugated Solid & Corrugated Perforated by Armstrong World Industries

**Health Product** Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 719317125120 CLASSIFICATION: 05 70 00 Decorative Metal

PRODUCT DESCRIPTION: This declaration covers MOZ Corrugated and Corrugated perforated Collection of recycled aluminum sheet products. Collections included are Classic Colors (Dyes and Shades), Blendz/Patina/Gradients/Graphix/Digital (UV Curable Inks), and Powder. Not all finishes disclosed in this HPD are used simultaneously. Option 1: Durafilm (Laminate), Option 2: Polycoat, Option 3: Powder Coating, Option 4: Vinyl Prints (Skinz). When specified, dyes/shades or UV curable ink are used with Option 1 or Option 2.

Residuals/Impurities Evaluation

## Section 1: Summary

## **Basic Method / Product Threshold**

#### **CONTENT INVENTORY**

**Inventory Reporting Format** 

C Nested Materials Method

Basic Method

**Threshold Disclosed Per** 

Material

Product

**Threshold Level** 

C 100 ppm

C Per GHS SDS Other

Completed

C Partially Completed

Not Completed

Explanation(s) provided:

Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Yes ○ No

Provided weight and role.

Screened

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

**GREENSCREEN SCORE** | HAZARD TYPE

MOZ™ DESIGN - CORRUGATED SOLID & CORRUGATED PERFORATED [ ALUMINUM BM-1 | END | PHY | MAM UNDISCLOSED NoGS UNDISCLOSED NoGS UNDISCLOSED NoGS UNDISCLOSED NoGS MAGNESIUM LT-UNK | PHY | MAM | SKI | EYE 4-CHLORO-

.ALPHA.,.ALPHA.,.ALPHA.-TRIFLUOROTOLUENE LT-1 | CAN | MUL | MAM | SKI | EYE ALUMINUM TRIHYDRATE BM-2 | SKI | EYE BARIUM

SULFATE BM-2 | CAN | MAM HEXANE, 1,6-DIISOCYANATO-,

HOMOPOLYMER LT-P1 | SKI TITANIUM DIOXIDE BM-1 | CAN | END |

MAM UNDISCLOSED NoGS UNDISCLOSED NoGS ACETONE LT-P1

END | DEV | EYE | PHY | MAM | REP METHYL ETHYL KETONE BM-2|

END | EYE | PHY | MAM | SKI 2-PROPANOL, 1-METHOXY- LT-P1 | END | EYE PROPANOIC ACID, PENTYL ESTER LT-UNK CYCLOHEXANONE

LT-P1 | CAN | END | EYE | MAM | GEN | SKI | REP LIMESTONE BM-3dg

MANGANESE LT-P1 | END | MUL | REP | MAM | AQU C.I. SOLVENT

ORANGE 54 NoGS IRON LT-P1 | END SILICON LT-UNK COPPER LT-P1 | MUL | AQU | MAM UNDISCLOSED NoGS 1,3,5-TRIGLYCIDYL-S-

TRIAZINETRIONE LT-1 | MUL | RES | GEN | MAM | EYE | SKI | AQU |

REP DIIRON TRIOXIDE BM-1 | CAN | MAM C.I. PIGMENT BLACK 28 LT-

UNK 2-HEPTANONE BM-U | MAM | EYE ALUMINUM OXIDE BM-2 | MAM AMINES, C12-14-TERT-ALKYL, BIS[2-[(4,5-DIHYDRO-3-METHYL-

5-OXO-1-PHENYL-1H-PYRAZOL-4-YL)AZO]BENZOATO(2 -

)]CHROMATE(1-) LT-P1 | MUL 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE,

ETHENYLBENZENE AND 2-OXIRANYLMETHYL 2-METHYL-2-

PROPENOATE NoGS ACETIC ACID, METHYL ESTER LT-UNK | EYE |

PHY | MAM | SKI BUTYL ACETATE BM-3 | MAM | EYE | PHY CARBON BLACK BM-1 | CAN | EYE | MAM | PHY CLAY LT-UNK | CAN IRON

OXIDE BM-1 | CAN | MAM MICA-GROUP MINERALS LT-UNK | MAM NITRILOTRIACETIC ACID LT-1 | CAN | MUL | EYE | AQU SILICA,

AMORPHOUS, FUMED, CRYST.-FREE BM-1 COBALTATE(1-), BIS[4-HYDROXY-3-[(2-HYDROXY-1-NAPHTHALENYL)AZO]-N-(3-

MOZ Design - Corrugated Solid & Corrugated Perforated

Number of Greenscreen BM-4/BM3 contents ... 2

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

Nanomaterial ... No

#### **INVENTORY AND SCREENING NOTES:**

This HPD was created using the Material Content Inventory. Products have been screened at a 1000 ppm level so that all intentional materials and known potential residuals/impurities that could have existed in raw materials, at that level, have been disclosed.

METHOXYPROPYL)BENZENESULFONAMIDATO (2-)]-, SODIUM LT-1 | CAN | RES | GEN UNDISCLOSED NoGS CHROMIUM, METALLIC LT-P1 | END | SKI | MAM | REP | RES UNDISCLOSED NoGS UNDISCLOSED NOGS ACETIC ACID, 1,1-DIMETHYLETHYL ESTER LT-UNK | PHY | EYE UNDISCLOSED NoGS UNDISCLOSED NoGS C.I. SOLVENT BLUE 44 NoGS POLYESTER RESIN NOGS PROPANEDIOIC ACID, [[3,5-BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]METHYL]BUTYL-, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER LT-P1 | MUL ]

## **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: Inherently non-emitting source per LEED

## **CONSISTENCY WITH OTHER PROGRAMS**

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

Third Party Verified?

C Yes
No

PREPARER: Self-Prepared

VERIFIER: VERIFICATION #: SCREENING DATE: 2024-03-05 PUBLISHED DATE: 2024-03-13 EXPIRY DATE: 2027-03-05

# 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

#### MOZ™ DESIGN - CORRUGATED SOLID & CORRUGATED PERFORATED

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Impurities can enter through the recycle stream.

OTHER PRODUCT NOTES: Aluminum 5052 is used as base material. Manufacturer statement: "The health effects listed below are not likely to occur unless processing of this product generates dusts or fumes. The following statements summarize the health effects generally expected in cases of overexposures. User specific situations should be assessed by a qualified individual." The aluminum supplied to MOZ Designs contains both post-consumer and pre-consumer recycled content.

ALUMINUM					ID: <b>7429-90-5</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZA	RD SCREENING DATE:	2024-03-05 8:22:37
%: 75.4700 - 97.8060	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: \$	Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disru	ptors	Potential Endoc	crine Disruptor	
PHY	EU - GHS (H-Statements) Annex	6 Table 3-1		fire spontaneously if exids; Pyrophoric solids - C	
MAM	GHS - Japan		repeated expos	damage to organs throu ure [Specific target orga ted exposure - Category	ns/systemic toxicity
MAM	GHS - Japan			damage to organs [Spec c toxicity following single	-
PHY	GHS - Japan			ct with water releases fla d mixtures, which in con es - Category 2]	•
PHY	GHS - Malaysia			fire spontaneously if exids; Pyrophoric solids - C	
PHY	GHS - Australia			fire spontaneously if exids; Pyrophoric solids - C	
PHY	GHS - New Zealand		Pyrophoric solic	ds category 1	

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

SUBSTANCE NOTES: See material notes.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD SCR	EENING DATE: <b>2024-03-05 7:40:44</b>
%: 0.0000 - 7.9640	GreenScreen: NoGS	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	\	WARNINGS	
None found			No warning:	s found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	1	NOTIFICATION	
None found			No listin	ngs found on Additional Hazard Lists
SUBSTANCE NOTES:				

UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD SCR	EENING DATE:	2024-03-05 7:40:46
%: <b>0.0000 - 7.9640</b>	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE F	ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warning	s found on HPD P	riority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listin	ngs found on Addi	tional Hazard Lists
SUBSTANCE NOTES:					

UNDISCLOSED	ID: Undisclosed
HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library	HAZARD SCREENING DATE: 2024-03-05 7:40:47

%: 0.0000 - 7.9640	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	V	/ARNINGS	
None found			No warnings	s found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	N	OTIFICATION	
None found			No listir	ngs found on Additional Hazard Lists
SUBSTANCE NOTES:				

UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD SCR	EENING DATE:	2024-03-05 7:40:48
%: 0.0000 - 6.7690	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE	ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings	s found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listir	ngs found on Add	ditional Hazard Lists
SUBSTANCE NOTES:					

MAGNESIUM					ID: <b>7439-95-4</b>
HAZARD DATA SOURCE: Pr	aros Chemical and Materials Library		HAZA	RD SCREENING DATE:	2024-03-05 8:22:38
%: 0.0000 - 4.8700	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE BOLE: S	Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
PHY	GHS - Australia	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

## 4-CHLORO-.ALPHA.,.ALPHA.,.ALPHA.-TRIFLUOROTOLUENE

ID: 98-56-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SO	CREENING DATE: 2024-03-05 8:22:38	
%: 0.0000 - 3.9820	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS	
CAN	CA EPA - Prop 65		Carcinogen	
CAN	IARC		Group 2b - Possibly o	carcinogenic to humans
MUL	German FEA - Substance Waters	s Hazardous to	Class 2 - Hazard to V	Vaters
CAN	GHS - Japan		H350 - May cause ca	ncer [Carcinogenicity - Category 1B]
MAM	GHS - Japan		H335 - May cause retoxicity - Single expos	spiratory irritation [Specific target organ sure - Category 3]
SKI	GHS - New Zealand		Skin irritation categor	y 2
EYE	GHS - New Zealand		Eye irritation category	y 2

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Core Restrictions

ALUMINUM TRIHYDRATE	ID: <b>21645-51-2</b>
HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-03-05 8:22:39

%: 0.0000 - 3.9820	GreenScreen: BM-2	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation categor	y 2
EYE	GHS - New Zealand		Eye irritation category	2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	Cradle to Cradle Products Innovation Institute (C2CPII)		duct Standard Restricted Substances July 1, 2022
			Biological and Environ	nmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	nnovation Institute	C2C Certified v4 Proc List (RSL) - Effective	duct Standard Restricted Substances July 1, 2022
			Children's Products	

SUBSTANCE NOTES:

# BARIUM SULFATE ID: 7727-43-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-03-05 8:22:39		
%: 0.0000 - 3.9820	GreenScreen: BM-2	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	≣	WARNINGS	
CAN	MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
MAM	GHS - Japan			ge to organs through prolonged or pecific target organs/systemic toxicity posure - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 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 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 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
RESTRICTED LIST		

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	1	HAZARD SO	CREENING DATE: 2024-03-05 8:22:39	
%: 0.0000 - 3.9820	GreenScreen: LT-P1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
SKI	GHS - New Zealand	GHS - New Zealand		Skin sensitisation category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No li	stings found on Additional Hazard Lists	
SUBSTANCE NOTES:					

TITANIUM DIOXIDE ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-03-05 8:22:40

\*\*: 0.0000 - 3.9820

GreenScreen: BM-1

RC: None

NANO: Unknown

SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 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 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 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)

 ${\tt SUBSTANCE\ NOTES:}\ Titanium\ dioxide\ is\ bound\ within\ the\ product\ matrix\ and\ is\ not\ in\ a\ respirable\ form\ in\ the\ final\ product.$ 

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD SCRI	EENING DATE: 2024-03-05 7:40:57
%: 0.0000 - 3.9820	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	V	/ARNINGS	
None found			No warnings	found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
None found		No listings found	d on Additional Hazard Lists

**UNDISCLOSED** ID: Undisclosed HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library HAZARD SCREENING DATE: 2024-03-05 7:40:58 %: 0.0000 - 3.9820 GreenScreen: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Coating HAZARD TYPE LIST NAME AND SOURCE WARNINGS No warnings found on HPD Priority Hazard Lists None found ADDITIONAL LISTINGS LIST NAME AND SOURCE **NOTIFICATION** None found No listings found on Additional Hazard Lists

ACETONE

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-03-05 8:22:40

%: 0.0000 - 3.1860

GreenScreen: LT-P1

RC: None

NANO: Unknown

SUBSTANCE ROLE: Coating

SUBSTANCE NOTES: undisclosed

SUBSTANCE NOTES:

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEV	MAK	Pregnancy Risk Group B
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - 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]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
PHY	GHS - New Zealand	Flammable liquids category 2
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - Malaysia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
EYE	GHS - Malaysia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents
CURCTANCE NOTES:		

METHYL ETHYL KETONE				ID: <b>78-93-3</b>	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-03-05 8:22:41		
%: 0.0000 - 2.2100	GreenScreen: BM-2	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
РНҮ	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - 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]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
MAM	GHS - Japan	H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]
EYE	GHS - Korea	H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]
PHY	GHS - Korea	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - New Zealand	Flammable liquids category 2
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - Malaysia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
EYE	GHS - Malaysia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents

**2-PROPANOL, 1-METHOXY-** ID: **107-98-2** 

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-03-05 8:22:40

%: 0.0000 - 2.1890	GreenScreen: LT-P1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating		
HAZARD TYPE	LIST NAME AND SOURCE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrin	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
EYE	GHS - New Zealand	GHS - New Zealand		2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Insti	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List		
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Cradle to Cradle Products Innovation Institute (C2CPII)		duct Standard Restricted Substances July 1, 2022		
			Cosmetics & Persona	Il Care Products		
SUBSTANCE NOTES:						

PROP	ANOIC	ACID, PE	SIEN

ID: **624-54-4** 

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	rary	HAZARD SC	CREENING DATE: 2024-03-05 8:22:41
%: 0.0000 - 1.9910	GreenScreen: LT-UNK	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnii	ngs found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institu	ute (GSPI)	GSPI - Six Classes P	recautionary List
			Some Solvents	

SUBSTANCE NOTES:

CY	CL	OH	IFX	$\Delta N$	ON	F

ID: 108-94-1

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARD SC	CREENING DATE: 2024-03-05 8:22:41
9/+0.0000 1.6050	Croop Coroon: I T D1	DC: None	NANO: Unknown	CLIPCTANCE DOLE: Costing

%: 0.0000 - 1.6050 GreenScreen: LT-P1 RC: None NANO: Unknown SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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 - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
MAM	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: vapor) - Category 3]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
MAM	GHS - Japan	H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
MAM	GHS - Japan	H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]
MAM	GHS - New Zealand	Acute dermal toxicity category 3
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents
SUBSTANCE NOTES:		

LIMESTONE				ID: <b>1317-65-3</b>
HAZARD DATA SOURCE	E: Pharos Chemical and Materials Libra	ary	HAZARD SO	CREENING DATE: 2024-03-05 8:22:41
%: 0.0000 - 1.5930	GreenScreen: BM-3dg	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warni	ngs found on HPD Priority Hazard Lists

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

MANGANESE	ID: <b>7439-96-5</b>

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	ry	HAZAI	RD SCREENING DATE: 2024-03-05 8:22:4
%: <b>0.0000 - 1.4610</b>	GreenScreen: LT-P1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Structure componer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine D	isruptors	Potential Endoc	rine Disruptor
MUL	German FEA - Substances Ha Waters	azardous to	Class 2 - Hazar	d to Waters
REP	GHS - Japan		H360 - May dan reproduction - C	nage fertility or the unborn child [Toxic to Category 1B]
MAM	GHS - Japan		repeated expos	damage to organs through prolonged or ure [Specific target organs/systemic toxicity ed exposure - Category 1]
MAM	GHS - Australia			damage to organs through prolonged or ure [Specific target organ toxicity - repeated egory 1]
AQU	GHS - New Zealand		Hazardous to th	e aquatic environment - chronic category 3
AQU	GHS - Japan			aquatic life [Hazardous to the aquatic cute) - Category 2]
AQU	GHS - Japan			aquatic life with long lasting effects he aquatic environment (chronic) - Category
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Inn (C2CPII)	ovation Institute		4 Product Standard Restricted Substances active July 1, 2022
			Biological and E	Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Inn (C2CPII)	ovation Institute		4 Product Standard Restricted Substances active July 1, 2022

SUBSTANCE NOTES:

C.I. SOLVENT ORANGE 54 ID: 12237-30-8

HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library	1	HAZARD SC	REENING DATE: 2024-03-05 8:22:40
%: <b>0.0000 - 1.0940</b>	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating

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

IRON				ID: <b>7439-89-6</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZAI	RD SCREENING DATE: 2024-03-05 8:22:41
%: 0.0000 - 0.9740	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Disru	ptors	Potential Endoc	rine Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

SILICON				ID: <b>7440-21-3</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZAI	RD SCREENING DATE: 2024-03-05 8:22:41
%: 0.0000 - 0.9740	GreenScreen: LT-UNK	RC: None	NANO: Unknown	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	I
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

COPPER					ID: <b>7440-50-8</b>
HAZARD DATA SOURCE: Pr	haros Chemical and Materials Library		HAZAI	RD SCREENING DATE:	2024-03-05 8:22:41
%: 0.0920 - 0.8940	GreenScreen: LT-P1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: St	tructure component

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	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List
		Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 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 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
SUBSTANCE NOTES:		

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD SCR	EENING DATE: 2024-03-05 7:41:14
%: 0.0000 - 0.8360	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	V	VARNINGS	
None found			No warning:	s found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	Ν	IOTIFICATION	
None found			No listin	ngs found on Additional Hazard Lists
SUBSTANCE NOTES:				

## 1,3,5-TRIGLYCIDYL-S-TRIAZINETRIONE

ID: 2451-62-9

HAZARD DATA SOURCE:	TA SOURCE: Pharos Chemical and Materials Library		HAZARD SC	CREENING DATE: 2024-03-05 8:22:4	
%: 0.0000 - 0.7960	GreenScreen: LT-1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	ChemSec - SIN List	ChemSec - SIN List		CMR - Carcinogen, Mutagen &/or Reproductive Toxicant	
MUL	German FEA - Substances H Waters	Hazardous to	Class 3 - Severe Haz	ard to Waters	
RES	MAK		Sensitizing Substance sensitization	e Sah - Danger of airway & skin	
GEN	EU - Annex VI CMRs		Mutagen - Category 1	В	
GEN	GHS - Japan		H340 - May cause ge Category 1B]	netic defects [Germ cell mutagenicity -	
GEN	GHS - Korea		H340 - May cause ge Category 1]	netic defects [Germ cell mutagenicity -	
GEN	EU - GHS (H-Statements) A	nnex 6 Table 3-1	H340 - May cause ge Category 1A or 1B]	netic defects [Germ cell mutagenicity	
MAM	EU - GHS (H-Statements) A	nnex 6 Table 3-1	H331 - Toxic if inhaled	d [Acute toxicity (inhalation) - Category	
MAM	EU - GHS (H-Statements) A	nnex 6 Table 3-1	H301 - Toxic if swallo	wed [Acute toxicity (oral) - Category 3	
EYE	EU - GHS (H-Statements) A	EU - GHS (H-Statements) Annex 6 Table 3-1		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]	
GEN	GHS - New Zealand		Germ cell mutagenicity category 1		
MAM	GHS - Japan	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicit following repeated exposure - Category 1]	
MAM	GHS - New Zealand		Specific target organ toxicity - repeated exposure categ		
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
EYE	GHS - New Zealand		Serious eye damage	category 1	
MAM	GHS - New Zealand		Acute inhalation toxic	ity category 3	
SKI	GHS - Japan		H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]		
AQU	GHS - New Zealand		Hazardous to the aqu	atic environment - chronic category 3	
SKI	GHS - New Zealand		Skin sensitisation 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 swallo	wed [Acute toxicity (oral) - Category 3	
MAM	GHS - New Zealand		Acute oral toxicity cate	egory 3	
EYE	GHS - Japan		H319 - Causes seriou eye irritation - Catego	us eye irritation [Serious eye damage / ory 2A]	
MAM	GHS - Japan		H301 - Toxic if swallo 3]	wed [Acute Toxicity (oral) - Category	

MAM	GHS - Korea	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: dust, mist) - Category 3]
EYE	GHS - Korea	H318 - Causes serious eye damage [Serious eye damage/irritation - Category 1]
GEN	EU - SVHC List	Mutagenic - Candidate list
GEN	EU - REACH Annex XVII CMRs	Germ cell mutagens: Category 1B
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 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 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
SUBSTANCE NOTES:		

DIIRON TRIOXIDE ID: 1309-37-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-03-05 8:22:4	
%: 0.0000 - 0.7960	GreenScreen: BM-1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Group 3E not sufficient for class	3 - Evidence of carcinogenic effects but sification
MAM	GHS - Japan			ge to organs through prolonged or Specific target organs/systemic toxicity posure - Category 1]
MAM	GHS - Japan			ge to organs [Specific target sity following single exposure -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No li	stings found on Additional Hazard Lists
SUBSTANCE NOTES:				

C.I. PIGMENT BLACK 28 ID: 68186-91-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-03-05 8:22:42
%: 0.0000 - 0.7960 GreenScreen: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Coating

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

2-HEPTANONE	-HEPTANONE			ID: <b>110-43-0</b>	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-03-05 8:22:43		
%: 0.0000 - 0.7960	GreenScreen: BM-U	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating	
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS		
MAM	GHS - Japan		H335 - May cause res toxicity - Single expos	spiratory irritation [Specific target organ sure - Category 3]	
EYE	GHS - New Zealand		Eye irritation category	/ 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURC	E	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Insti	itute (GSPI)	GSPI - Six Classes P	recautionary List	
			Some Solvents		
SUBSTANCE NOTES:					

ALUMINUM OXIDE					ID: <b>1344-28-1</b>
HAZARD DATA SOURCE: P	haros Chemical and Materials Li	brary	HAZARD SC	CREENING DATE:	2024-03-05 8:22:43
%: 0.0000 - 0.7960	GreenScreen: BM-2	RC: None	NANO: <b>Unknown</b>	SUBSTANCE R	OLE: Coating
HAZARD TYPE	LIST NAME AND SOURC	Е	WARNINGS		
MAM	GHS - Japan		H335 - May cause res toxicity - Single expos	. , .	Specific target organ
MAM	GHS - Japan		H372 - Causes dama repeated exposure [S following repeated ex	pecific target organ	ns/systemic toxicity
ADDITIONAL LISTINGS	LIST NAME AND SOURC	E	NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Innovation Institute	C2C Certified v4 Proc List (RSL) - Effective		ricted Substances
			Biological and Enviror	nmentally Released	d Materials
RESTRICTED LIST	Cradle to Cradle Products (C2CPII)	Innovation Institute	C2C Certified v4 Proc List (RSL) - Effective		ricted Substances
			Children's Products		

AMINES, C12-14-TERT-ALKYL, BIS[2-[(4,5-DIHYDRO-3-METHYL-5-OXO-1-PHENYL-1H-PYRAZOL-4-YL)AZO]BENZOATO(2 - )]CHROMATE(1-)

ID: 85408-46-4

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	orary	HAZARD SO	CREENING DATE: 2024-03-05 8:22:42
%: 0.0000 - 0.7300	GreenScreen: LT-P1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	≣	WARNINGS	
MUL	German FEA - Substances Waters	Hazardous to	Class 2 - Hazard to W	Vaters
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	≣	NOTIFICATION	
None found			No li	stings found on Additional Hazard Lists
SUBSTANCE NOTES:				

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE, ETHENYLBENZENE AND 2-OXIRANYLMETHYL 2-METHYL-2-PROPENOATE

ID: **37953-21-2** 

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	/	HAZARD SO	CREENING DATE: 2024-03-05 8:22:43
%: 0.0000 - 0.3980	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warni	ngs found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No li	istings found on Additional Hazard Lists
SUBSTANCE NOTES:			110 11	omigo round of / roundrial razard biolo

ACETIC ACID, METHYL ESTER

ID: **79-20-9** 

HAZARD DATA SOURCE: P	haros Chemical and Materials Library		HAZARD SC	REENING DATE: 2024-03-05 8:22:43
%: <b>0.0000 - 0.3980</b>	GreenScreen: LT-UNK	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
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 - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
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 - New Zealand	Flammable liquids category 2
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - Malaysia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
EYE	GHS - Malaysia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents

BUTYL ACETATE ID: 123-86-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-03-05 8:22:44
%: 0.0000 - 0.3980 GreenScreen: BM-3 RC: None NANO: Unknown SUBSTANCE ROLE: Coating

LIST NAME AND SOURCE	WARNINGS
GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
GHS - New Zealand	Eye irritation category 2
GHS - New Zealand	Flammable liquids category 2
GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
LIST NAME AND SOURCE	NOTIFICATION
Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
	Some Solvents
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	GHS - Japan GHS - New Zealand GHS - New Zealand GHS - Japan LIST NAME AND SOURCE

CARBON BLACK	ID: <b>1333-86-4</b>
--------------	----------------------

HAZARD DATA SOURCE: P	AZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2024-03-05 8:22:44	
%: 0.0000 - 0.3980	GreenScreen: BM-1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating	
HAZARD TYPE	LIST NAME AND SOUR	CE	WARNINGS		
CAN	US CDC - Occupational (	Carcinogens	Occupational Carcino	ogen	
CAN	MAK	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
CAN	CA EPA - Prop 65	CA EPA - Prop 65		to chemical form or exposure route	
CAN	IARC	IARC		Group 2b - Possibly carcinogenic to humans	
EYE	GHS - New Zealand	GHS - New Zealand		Eye irritation category 2	
CAN	GHS - New Zealand	GHS - New Zealand		gory 2	
CAN	GHS - Japan	GHS - Japan		causing cancer [Carcinogenicity -	
MAM	GHS - Japan	GHS - Japan		ge to organs through prolonged or Specific target organs/systemic toxicity cosure - Category 1]	
PHY	GHS - Japan	GHS - Japan		may catch fire [Self-heating ures - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOUR	CE	NOTIFICATION		
None found			No li	istings found on Additional Hazard Lists	

SUBSTANCE NOTES: Carbon black is bound within the product matrix and is not in a respirable form in the final product.

CLAY ID: 1332-58-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-03-05 8:22:43
%: 0.0000 - 0.3980	GreenScreen: LT-UNK	RC: None	NANO: Unknown SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION
None found			No listings found on Additional Hazard Lists
SUBSTANCE NOTES:			

HAZARD DATA SOURCE: Pr	naros Chemical and Materials Libra	ry	HAZARD SO	CREENING DATE: 2024-03-05 8:22:4
%: <b>0.0000 - 0.3980</b>	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects by not sufficient for classification	
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
MAM	GHS - Japan			ge to organs [Specific target ity following single exposure -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No li	stings found on Additional Hazard Lists

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-03-05 8:22:4	
6: <b>0.0000 - 0.3980</b>	GreenScreen: LT-UNK	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan			ge to organs through prolonged or pecific target organs/systemic toxicity posure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No li	stings found on Additional Hazard List

NITRILOTRIACETIC ACID ID: 139-13-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-03-05 8:22			
%: <b>0.0000 - 0.3980</b>	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating		
HAZARD TYPE	LIST NAME AND SOURC	Ε	WARNINGS			
CAN	MAK		Carcinogen Group 3A not sufficient to estable	- Evidence of carcinogenic effects bulish MAK/BAT value		
CAN	CA EPA - Prop 65		Carcinogen			
CAN	IARC	IARC		arcinogenic to humans		
CAN	US NIH - Report on Carcin	US NIH - Report on Carcinogens		Reasonably Anticipated to be Human Carcinogen		
MUL	German FEA - Substance Waters	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
EYE	GHS - New Zealand	GHS - New Zealand		Eye irritation category 2		
CAN	GHS - New Zealand	GHS - New Zealand		Carcinogenicity category 2		
CAN	GHS - Japan		H351 - Suspected of Category 2]	causing cancer [Carcinogenicity -		
AQU	GHS - Japan		•	ic life with long lasting effects uatic environment (chronic) - Category		
CAN	GHS - Australia	GHS - Australia		causing cancer [Carcinogenicity -		
ADDITIONAL LISTINGS	LIST NAME AND SOURC	E	NOTIFICATION			
None found			No lis	stings found on Additional Hazard Lis		

# SILICA, AMORPHOUS, FUMED, CRYST.-FREE

SUBSTANCE NOTES:

ID: 112945-52-5

HAZARD DATA SOURCE: P	haros Chemical and Materials Library	HAZARD SCREENING DATE: 2024-03-05 8:22:4		
%: 0.0000 - 0.3900	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warni	ngs found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No li	stings found on Additional Hazard Lists

COBALTATE(1-), BIS[4-HYDROXY-3-[(2-HYDROXY- 1-NAPHTHALENYL)AZO]-N-(3-METHOXYPROPYL)BENZENESULFONAMIDATO (2-)]-, SODIUM

ID: 71735-61-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-03-05 8:22:43		
%: 0.0000 - 0.3650	GreenScreen: LT-1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Group 2 man	- Considered to be carcinogenic for
RES	MAK		Sensitizing Substance sensitization	e Sah - Danger of airway & skin
GEN	MAK		Germ Cell Mutagen 3	a
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	nnovation Institute	C2C Certified v4 Proc List (RSL) - Effective	duct Standard Restricted Substances July 1, 2022
			Biological and Environ	nmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products In (C2CPII)	nnovation Institute	C2C Certified v4 Proc List (RSL) - Effective	duct Standard Restricted Substances July 1, 2022
			Children's Products	
SUBSTANCE NOTES:				

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD SCR	EENING DATE: 2024-03-05 7:41:36
%: 0.0000 - 0.3480	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	V	VARNINGS	
None found			No warning:	s found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	N	NOTIFICATION	
None found			No listir	ngs found on Additional Hazard Lists

CHROMIUM, METALLIC					ID: <b>7440-47-3</b>
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZAI	RD SCREENING DATE:	2024-03-05 8:22:44
%: 0.0000 - 0.3410	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: SI	ructure component

SUBSTANCE NOTES: undisclosed

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
REP	GHS - New Zealand	Reproductive toxicity category 2
RES	GHS - Japan	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 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 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 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
SUBSTANCE NOTES:		

HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD SCR	EENING DATE: 2024-03-05 7:41:38
%: 0.0000 - 0.2790	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	V	VARNINGS	
None found			No warnings	s found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	N	NOTIFICATION	
None found			No listir	ngs found on Additional Hazard Lists

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Libra	ry	HAZARD SCRI	EENING DATE: <b>2024-03-05 7:41:40</b>
%: 0.0000 - 0.2790	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating

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 H			
SUBSTANCE NOTES: undiscle	nsed		

## ACETIC ACID, 1,1-DIMETHYLETHYL ESTER

ID: **540-88-5** 

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lil	brary	HAZARD SO	CREENING DATE: 2024-03-05 8:2	22:44
%: 0.0000 - 0.2390	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating	
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS		
PHY	EU - GHS (H-Statements)	Annex 6 Table 3-1	H225 - Highly flamma liquids - Category 2]	ble liquid and vapour [Flammable	
EYE	GHS - New Zealand		Eye irritation category	2	
PHY	GHS - New Zealand		Flammable liquids ca	tegory 2	
PHY	GHS - Japan		H225 - Highly flamma liquids - Category 2]	ble liquid and vapour [Flammable	
PHY	GHS - Malaysia		H225 - Highly flamma liquids - Category 2]	ble liquid and vapour [Flammable	
PHY	GHS - Australia		H225 - Highly flamma liquids - Category 2]	ble liquid and vapour [Flammable	
ADDITIONAL LISTINGS	LIST NAME AND SOURC	E	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Insti	tute (GSPI)	GSPI - Six Classes P	recautionary List	
			Some Solvents		
RESTRICTED LIST	Green Science Policy Insti	tute (GSPI)	GSPI - Six Classes P	recautionary List	
			Certain Metals		
SUBSTANCE NOTES:					

00201711021101201

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library		HAZARD SCRI	EENING DATE: 2024-03-05 7:41:42
%: 0.0000 - 0.2090	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	V	/ARNINGS	
None found			No warnings	found on HPD Priority Hazard Lists

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

SUBSTANCE NOTES: undisclosed

SUBSTANCE NOTES: undisclosed

**UNDISCLOSED** 

ID: Undisclosed HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library HAZARD SCREENING DATE: 2024-03-05 7:41:43 %: 0.0000 - 0.1820 GreenScreen: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Coating **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

**C.I. SOLVENT BLUE 44** ID: 61725-69-7 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-03-05 8:22:44

%: 0.0000 - 0.1500 GreenScreen: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Coating HAZARD TYPE LIST NAME AND SOURCE **WARNINGS** 

None found

No warnings found on HPD Priority Hazard Lists

**NOTIFICATION** ADDITIONAL LISTINGS LIST NAME AND SOURCE

None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

**POLYESTER RESIN** ID: 129922-22-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-03-05 8:22:45

RC: None %: 0.0000 - 0.1190 GreenScreen: NoGS NANO: Unknown SUBSTANCE ROLE: Coating

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

PROPANEDIOIC ACID, [[3,5-BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]METHYL]BUTYL-, BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER

ID: 63843-89-0

%: <b>0.0000 - 0.1040</b>	GreenScreen: LT-P1	RC: None	NANO: <b>Unknown</b>	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURC	Έ	WARNINGS	
MUL	German FEA - Substance Waters	s Hazardous to	Class 3 - Severe Haz	ard to Waters
ADDITIONAL LISTINGS	LIST NAME AND SOURC	Ε	NOTIFICATION	

SUBSTANCE NOTES:

SUBSTANCE NOTES:

# Section 3: Certifications and Compliance

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

## **VOC EMISSIONS**

## Inherently non-emitting source per LEED

CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All

ISSUE DATE: 2024-03-05 00:00:00 **EXPIRY DATE:** 

CERTIFIER OR LAB: None

**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

This HPD was created using the Material Content Inventory. Products have been screened at a 1000 ppm level so that all intentional materials and known potential residuals/impurities that could have existed in raw materials, at that level, have been disclosed.

#### MANUFACTURER INFORMATION

MANUFACTURER: Armstrong World Industries

ADDRESS: 711 Kevin Court Oakland, California 94621

COUNTRY: USA

WEBSITE: http://mozdesigns.com/ CONTACT NAME: Sales Department

TITLE: -

PHONE: 510.632.0853

EMAIL: info@mozdesigns.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

