## MetalWorks<sup>™</sup> Aluminum Ceiling Products by Armstrong World Industries

## Health Product Declaration v2.3 created via: HPDC Online Builder

#### HPD UNIQUE IDENTIFIER: 2041564536832

CLASSIFICATION: 09 50 00 Ceilings

PRODUCT DESCRIPTION: This declaration covers solid (M1) and standard perforated (M14-M19) MetalWorks<sup>™</sup> aluminum ceiling products that are powder-coated or painted with standard colors (WHA, SIA, MYA) including IMMIX.

# 😑 Section 1: Summary

#### **CONTENT INVENTORY**

- **Inventory Reporting Format**
- C Nested Materials MethodO Basic Method

#### Threshold Disclosed Per

O Material

- Product
- Threshold Level © 100 ppm © 1,000 ppm © Per GHS SDS

○ Other

Residuals/Impurities Evaluation © Completed © Partially Completed © Not Completed Explanation(s) provided :

Yes O No

# **Basic Method / Product Threshold**

For all contents above the threshold, the manufacturer has:				
Characterized	• Yes O No			
Provided weight and role.				
Screened	• Yes O No			
Provided screening results using HPDC-approved				
methods.				
Identified	O Yes O 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

METALWORKS™ ALUMINUM CEILING PRODUCTS [ ALUMINUM BM-1 ] END | PHY | MAM ALUMINUM POWDER BM-1 | END | PHY | MAM MAGNESIUM LT-UNK | PHY | SKI FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH 1,3-BUTANEDIOL NoGS WHITE TINT LT-1 | CAN | END | MAM MANGANESE LT-P1 | END | MUL | REP | MAM | AQU TITANIUM DIOXIDE LT-1 | CAN | END | MAM ETHANOL, 2-(2-METHOXYETHOXY)- LT-1 | END | REP | DEV | EYE SILICON LT-UNK IRON LT-P1 | END 2-BUTOXYETHANOL BM-2 | END | SKI | EYE | MAM | REP UNDISCLOSED NoGS 2-PROPANOL, 1-METHOXY-, ACETATE LT-UNK | EYE PETROLEUM DISTILLATES BM-1 | MUL | MAM | SKI | AQU NAPHTHA (PETROLEUM) LT-1 | END | CAN | MUL GEN | MAM | SKI | EYE 1,2,4-TRIMETHYLBENZENE BM-2 | MUL | SKI | EYE | AQU BARIUM SULFATE BM-2 | CAN | MAM CHROMIUM, METALLIC LT-P1 | END | SKI | GEN | REP | MAM 1,3,5-TRIGLYCIDYL-S-TRIAZINETRIONE LT-1 | MUL | RES | GEN | MAM | EYE | SKI | AQU | REP **COPPER CHROMITE BLACK SPINEL LT-UNK ETHANOL, 2-(2-**BUTOXYETHOXY)-, ACETATE LT-UNK NAPHTHA (PETROLEUM), HYDROTREATED HEAVY BM-1 | CAN | PBT | MUL | GEN | MAM TRIMETHYLBENZENES BM-2 | MAM | SKI | AQU BODY: 5056 ALUMINUM, IFI GRADE/MANDREL MATERIAL: STEEL, IFI GRADE 30/ ZINC PLATED 19 NoGS POLYURETHANE POLYMER OF POLYESTER, 3-HYDROXY-2-(HYDROXYALKYL)-ALKYL-ALKANOIC ACID, ALKYL DIOL, 5-ISOCYANATO-1-(ISOCYANATOALKYL)-1,3,3-TRIALKYL CARBOMONOCYCLE, AND ALKYL TRIOL, SALTED WITH DIALKYL AMINO ETHANOL NoGS BUTANOL BM-2 | SKI | EYE | MAM ETHANOL LT-P1 | END | EYE | MAM XYLENE BM-1 | END | MUL | REP | SKI | EYE | MAM | AQU AMORPHOUS SILICA BM-1 | CAN | MAM METHYL ISOBUTYL KETONE LT-1 | CAN | DEV | EYE | PHY | MAM C.I. PIGMENT YELLOW 42 LT-UNK TOLUENE BM-1 | END | MUL | DEV | REP | SKI | PHY | MAM | EYE AQU CUMENE LT-1 | CAN | END | MAM | AQU | EYE ETHYLBENZENE BM-1 | END | SKI | CAN | REP | PHY | MAM | EYE | AQU AMORPHOUS SILICA BM-1 | CAN | MAM ALUMINUM HYDROXIDE BM-2 | SKI | EYE UNDISCLOSED NoGS SILICA GEL, PPTD., CRYST.-FREE LT-UNK BLACK PIGMENT BM-1 | CAN | EYE | MAM ETHANONE, 2-HYDROXY-

Number of Greenscreen BM-4/BM3 contents ... 0 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 is provided solely for the intended recipient in connection with its assessment of products and for no other purpose. In providing information, AWI expresses no opinion and makes no representations as to the applicability, suitability, accuracy, or completeness of the declaration form, or the standards, rules, classifications, warnings, or criteria utilized or referenced therein. Please refer to the Armstrong Commercial Ceilings website for more information on this product. 1,2-DIPHENYL- LT-P1 | MUL SILICA, AMORPHOUS, FUMED, CRYST.-FREE BM-1 BIS(2,4-DICUMYLPHENYL) NEOPENTYL DIPHOSPHITE; 3,9-BIS[2,4-BIS(1-METHYL-1-PHENYLETHYL)PHENOXY]-2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO[5.5]UNDECANE LT-P1 | MUL ACETONE LT-P1 | END | DEV | EYE | PHY | MAM | REP DIIRON TRIOXIDE BM-1 | CAN | MAM | EYE | SKI PARAFFIN LT-UNK PROPANE LT-UNK | PHY ]

# VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

# **CERTIFICATIONS AND COMPLIANCE** See Section 3 for additional listings.

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

## CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?

C Yes

No

PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2023-08-03 PUBLISHED DATE: 2023-08-03 EXPIRY DATE: 2026-08-03 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

#### METALWORKS™ ALUMINUM CEILING PRODUCTS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals/impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 100ppm.

OTHER PRODUCT NOTES: Additional information can be found on Armstrong's website.

## ALUMINUM

ID: 7429-90-5

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	brary HAZARD SCREENING DATE: 2023-08-03 5:29:05			
%: 72.2340 - 96.4890	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine D	isruptors	Potential Endoc	crine Disruptor	
РНҮ	EU - GHS (H-Statements) Anr	nex 6 Table 3-1		fire spontaneously if exposed to air iids; Pyrophoric solids - Category 1]	
MAM	GHS - Japan	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
PHY	GHS - New Zealand	GHS - New Zealand		Flammable solids category 1	
MAM	GHS - Japan	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	
РНҮ	GHS - Japan	GHS - Japan		ct with water releases flammable gas d mixtures, which in contact with water, gases - Category 2]	
РНҮ	GHS - Malaysia			fire spontaneously if exposed to air iids; Pyrophoric solids - Category 1]	
РНҮ	GHS - Australia			fire spontaneously if exposed to air iids; Pyrophoric solids - Category 1]	
РНҮ	GHS - New Zealand		Pyrophoric solid	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: Structure component

## ALUMINUM POWDER

ID: 7429-90-5

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCI	REENING DATE: 20	23-08-03 5:29:06
%: 0.0000 - 6.1800	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure componen
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Dis	sruptors	Potential Endoc	crine Disruptor
РНҮ	EU - GHS (H-Statements) Anne	ex 6 Table 3-1		fire spontaneously if exposed to air uids; Pyrophoric solids - Category 1]
MAM	GHS - Japan		repeated expos	damage to organs through prolonged or sure [Specific target organs/systemic toxicity ted exposure - Category 1]
PHY	GHS - New Zealand		Flammable soli	ds category 1
MAM	GHS - Japan			damage to organs [Specific target c toxicity following single exposure -
РНҮ	GHS - Japan		[Substances an	ct with water releases flammable gas d mixtures, which in contact with water, gases - Category 2]
РНҮ	GHS - Malaysia			fire spontaneously if exposed to air uids; Pyrophoric solids - Category 1]
РНҮ	GHS - Australia			fire spontaneously if exposed to air uids; Pyrophoric solids - Category 1]
РНҮ	GHS - New Zealand		Pyrophoric soli	ds category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institut		4 Product Standard Restricted Substances active July 1, 2022
			Biological and I	Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	ovation Institut		4 Product Standard Restricted Substances active July 1, 2022
			Children's Prod	lucts
SUBSTANCE NOTES:				

IAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE: 202	23-08-03 5:29:06
%: <b>0.0000 - 4.8860</b>	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure compone
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
РНҮ	EU - GHS (H-Statements) Anne	əx 6 Table 3-1	which may ignite	et with water releases flammable gases e spontaneously [Substances and mixture t with water, emit flammable gases -
РНҮ	EU - GHS (H-Statements) Anne	ex 6 Table 3-1		fire spontaneously if exposed to air ids; Pyrophoric solids - Category 1]
РНҮ	GHS - Australia			fire spontaneously if exposed to air ids; Pyrophoric solids - Category 1]
РНҮ	GHS - New Zealand		Self-heating sub	stances and mixtures category 1
РНҮ	GHS - New Zealand		Substances and flammable gases	mixtures which, in contact with water, en s category 1
SKI	GHS - Japan		H315 - Causes s Category 2]	kin irritation [Skin corrosion / irritation -
РНҮ	GHS - Australia		which may ignite	et with water releases flammable gases e spontaneously [Substances and mixture to with water, emit flammable gases -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			[	No listings found on Additional Hazard Lis
SUBSTANCE NOTES: ATTY ACIDS, CASTOR-OI RESIDUES, ESTERS WITH	IL, CAUSTIC-OXIDIZED, DISTN.			ID: <b>113669-9</b>
	Pharos Chemical and Materials Library	чл7ard SC		02 02 03 5·20·06
6: <b>0.0000 - 3.6450</b>	GreenScreen: NoGS	RC: None	NANO: Unknown	
		nu. nu.		SUBSTANCE INCENTION COLLEG
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			NO W	varnings found on HPD Priority Hazard Lis
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found				No listings found on Additional Hazard Lis
SUBSTANCE NOTES:				
VHITE TINT				ID: <b>13463-6</b>
IAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE: 202	23-08-03 5:29:07
%: <b>0.0000 - 2.4680</b>	GreenScreen: LT-1	RC: None	NANO: Unknow	N 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	МАК	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor	
CAN	МАК	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
CAN	IARC	Group 2b - Possibly carcinogenic to humans	
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]	
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]	
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen	
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	
		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)	
SUBSTANCE NOTES: White Tint is	s bound within the product matrix and is not in a rea	spirable form in the final product.	
MANGANESE		ID: 7439-96-5	
HAZARD DATA SOURCE: Pharos	Chemical and Materials Library HAZARD SCREE	ENING DATE: 2023-08-03 5:29:07	
%: <b>0.0000 - 1.5620</b> Gi	areenScreen: LT-P1 RC: None NA	IANO: Unknown SUBSTANCE ROLE: Structure component	

HAZARD TYPE	LIST NAME AND SOURCE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Dis	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
MUL	German FEA - Substances Haz Waters				
REP	GHS - Japan			r the unborn child [Toxic to	
MAM	GHS - Japan			ans through prolonged or arget organs/systemic toxicity Category 1]	
MAM	GHS - Australia	GHS - Australia		ans through prolonged or arget organ toxicity - 1]	
MAM	GHS - Japan			ans [Specific target wing single exposure -	
AQU	GHS - New Zealand	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 3	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	Cradle to Cradle Products Innovation Institute			
RESTRICTED LIST				C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Biological and Environmentall	y Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Inno (C2CPII)	vation Institute	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
			Children's Products		
SUBSTANCE NOTES:					
TITANIUM DIOXIDE				ID: 13463-67-7	
HAZARD DATA SOURCE: Pha	ros Chemical and Materials Library	HAZARD SCREE	NING DATE: 2023-08-03 5:29:	07	
%: 0.0000 - 1.3550	GreenScreen: LT-1	RC: None	NANO: <b>Unknown</b> SUBSTAN	ICE ROLE: Powder 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	МАК	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	МАК	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
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
		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)

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

ETHANOL, 2-(2-METHOXYET	ſHOXY)-			ID: 111-77-3
HAZARD DATA SOURCE: P	naros Chemical and Materials Library	HAZARD SCREE	NING DATE: 2023-08	-03 5:29:08
%: 0.0000 - 1.1620	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor	
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]	
DEV	EU - GHS (H-Statements) Annex 6 Table 3-1	H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B]	
EYE	GHS - New Zealand	Eye irritation category 2	
REP	GHS - New Zealand	Reproductive toxicity category 2	
DEV	GHS - Australia	H361 - Suspected of damaging fertility or the unborn child [Reproductive toxicity - Category 2]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals	
		Antimicrobials	
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals	
		Some Solvents	
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	
SUBSTANCE NOTES:			

I				
SILICON				ID: 7440-21-3
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SC	CREENING DATE: 202	23-08-03 5:29:08
%: 0.0000 - 1.0700	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	
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	HAZARD SC	CREENING DATE: 202	)23-08-03 5:29:09

%: 0.0000 - 1.0200	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine D	isruptors	Potential Endoc	crine Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

## 2-BUTOXYETHANOL

ID: 111-76-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	y HAZARD SCR	EENING DATE: 2023-08-03 5:29:08
%: 0.0000 - 0.9680	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
SKI	EU - GHS (H-Statements) Ar	nnex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Ar	nnex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
MAM	EU - GHS (H-Statements) Ar	nnex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - 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 toxicit 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 - Japan		H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
REP	GHS - Japan		H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
MAM	Québec CSST - WHMIS 198	8	Class D1A - Very toxic material causing immediate and serious toxic effects
МАМ	GHS - Japan		H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]
EYE	GHS - Japan		H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
МАМ	GHS - Japan		H330 - Fatal if inhaled [Acute toxicity (inhalation: vapor) - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GS	PI)	GSPI - Six Classes of	Problematic Chemicals
			Some Solvents	
RESTRICTED LIST	Cradle to Cradle Products Innovati (C2CPII)	ion Institute	C2C Certified v4 Production List (RSL) - Effective J	uct Standard Restricted Substances uly 1, 2022
			Cosmetics & Personal	Care Products
SUBSTANCE NOTES:				
UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD SC	REENING DATE: 2023	-08-03 5:06:03
%: 0.0000 - 0.4890	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnin	gs found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No list	tings found on Additional Hazard Lists
SUBSTANCE NOTES: Pr	oprietary Ingredient			
I				
2-PROPANOL, 1-METHO	YY-, ACETATE			ID: 108-65-6

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREEN	NING DATE: 2023-0	8-03 5:29:08
%: 0.0000 - 0.4840	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation catego	pry 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute	(GSPI)	GSPI - Six Classes of	of Problematic Chemicals
			Some Solvents	

PETROLEUM DISTILLATE	ES			ID: 64742-94-5
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCRE	ENING DATE: 2023-08	3-03 5:29:09
%: 0.0000 - 0.4840	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
МАМ	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - 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]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Some Solvents
SUBSTANCE NOTES:		

NAPHTHA (PETROLEUM)				ID: 64742-95-6
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCRE	ENING DATE: 2023-08	3-03 5:29:09
%: 0.0000 - 0.4840	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
GEN	EU - Annex VI CMRs	Mutagen - Category 1B
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
GEN	GHS - Australia	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
CAN	EU - REACH Annex XVII CMRs	Carcinogens: Category 1B
GEN	EU - REACH Annex XVII CMRs	Germ cell mutagens: Category 1B
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Antimicrobials
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Some Solvents
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:		
1,2,4-TRIMETHYLBENZENE		ID: <b>95-63-6</b>

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-08-03 5:29:10

%: 0.0000 - 0.4840	GreenScreen: BM-2	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS	
MUL	German FEA - Substance Waters	es Hazardous to	Class 2 - Hazard to	Waters
SKI	EU - GHS (H-Statements	) Annex 6 Table 3-1	H315 - Causes skin Category 2]	irritation [Skin corrosion/irritation -
EYE	EU - GHS (H-Statements	) Annex 6 Table 3-1	H319 - Causes seric damage/eye irritatio	ous eye irritation [Serious eye n - Category 2A]
AQU	EU - GHS (H-Statements	EU - GHS (H-Statements) Annex 6 Table 3-1		atic life with long lasting effects quatic environment (chronic) - Category
EYE	GHS - New Zealand		Eye irritation catego	ry 2
SKI	GHS - Australia		H315 - Causes skin Category 2]	irritation [Skin corrosion/irritation -
EYE	GHS - Australia		H319 - Causes seric damage/eye irritatio	ous eye irritation [Serious eye on - Category 2A]
AQU	GHS - New Zealand		Hazardous to the ac	quatic environment - chronic category 2
AQU	GHS - Australia			atic life with long lasting effects quatic environment (chronic) - Category
AQU	GHS - Japan		H401 - Toxic to aqua environment (acute)	atic life [Hazardous to the aquatic - Category 2]
AQU	GHS - Japan			atic life with long lasting effects quatic environment (chronic) - Category
ADDITIONAL LISTINGS	LIST NAME AND SOURC	E	NOTIFICATION	
RESTRICTED LIST	Green Science Policy Ins	stitute (GSPI)	GSPI - Six Classes	of Problematic Chemicals
			Some Solvents	
SUBSTANCE NOTES:				

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCF	REENING DATE: 2023	-08-03 5:29:10
%: 0.0000 - 0.3660	GreenScreen: BM-2	RC: None	NANO: Unknown	SUBSTANCE ROLE: Powder coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	МАК		Carcinogen Group risk under MAK/B	9 4 - Non-genotoxic carcinogen with low AT levels
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 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

CHROMIUM, METALLIC				ID: 7440-47-
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCF	REENING DATE: 202	23-08-03 5:29:11
%: 0.0000 - 0.3360	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine D	sruptors	Potential Endoc	rine Disruptor
SKI	МАК		Sensitizing Sub	stance Sh - Danger of skin sensitization
GEN	GHS - Japan		H341 - Suspector mutagenicity - C	ed of causing genetic defects [Germ cell Category 2]
REP	GHS - New Zealand		Reproductive to	exicity category 2
МАМ	GHS - Japan			se damage to organs [Specific target c toxicity following single exposure -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Inn (C2CPII)	ovation Institute		4 Product Standard Restricted Substances ctive July 1, 2022
			Biological and E	nvironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Inn (C2CPII)	ovation Institute		Product Standard Restricted Substances ctive July 1, 2022
			Children's Prod	ucts
RESTRICTED LIST	Cradle to Cradle Products Inn (C2CPII)	ovation Institute		4 Product Standard Restricted Substances ctive July 1, 2022
			Cosmetics & Pe	rsonal Care Products
SUBSTANCE NOTES:				
1,3,5-TRIGLYCIDYL-S-TR	IAZINETRIONE			ID: 2451-62-
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCF	REENING DATE: 20	23-08-03 5:29:11
%: 0.0000 - 0.2580	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Powder coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
RES	МАК	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	EU - Annex VI CMRs	Mutagen - Category 1B
GEN	GHS - Japan	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1B]
GEN	GHS - Korea	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
EYE	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
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - 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]
EYE	GHS - New Zealand	Serious eye damage category 1
MAM	GHS - New Zealand	Acute inhalation toxicity category 3
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
AQU	GHS - New Zealand	Hazardous to the aquatic 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 swallowed [Acute toxicity (oral) - Category 3]
МАМ	GHS - New Zealand	Acute oral toxicity category 3
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
MAM	GHS - Japan	H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]
МАМ	GHS - Korea	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
МАМ	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: dust, mist) - Category 3]

EYE	GHS - Korea		H318 - Causes serio damage/irritation - C	us eye damage [Serious eye Category 1]		
GEN	EU - SVHC List	EU - SVHC List		Mutagenic - Candidate list		
GEN ADDITIONAL LISTINGS	EU - REACH Annex XVII CMRs LIST NAME AND SOURCE	5	Germ cell mutagens: NOTIFICATION	: Category 1B		
RESTRICTED LIST	Cradle to Cradle Products Inne (C2CPII)	ovation Institute	C2C Certified v4 Pro List (RSL) - Effective	duct Standard Restricted Substances July 1, 2022		
			Formulated Consum	er Products		
SUBSTANCE NOTES:						
COPPER CHROMITE BLA	CK SPINEL			ID: 68186-91-4		
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCRE	ENING DATE: 2023-08	8-03 5:29:12		
%: 0.0000 - 0.2420	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating		
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS			
None found			No warn	ings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION			
None found			No li	stings found on Additional Hazard Lists		
SUBSTANCE NOTES:						
SUBSTANCE NOTES: ETHANOL, 2-(2-BUTOXYE	ETHOXY)-, ACETATE			ID: <b>124-17-4</b>		
ETHANOL, 2-(2-BUTOXYE	THOXY)-, ACETATE Pharos Chemical and Materials Library	HAZARD SCREI	ENING DATE: <b>2023-0</b> 8			
ETHANOL, 2-(2-BUTOXYE		HAZARD SCREI	ENING DATE: 2023-08 NANO: Unknown			
ETHANOL, 2-(2-BUTOXYE HAZARD DATA SOURCE:	Pharos Chemical and Materials Library			8-03 5:29:10		
<b>ETHANOL, 2-(2-BUTOXYE</b> HAZARD DATA SOURCE: %: <b>0.0000 - 0.2420</b>	Pharos Chemical and Materials Library GreenScreen: LT-UNK		NANO: Unknown WARNINGS	8-03 5:29:10		
ETHANOL, 2-(2-BUTOXYE HAZARD DATA SOURCE: %: 0.0000 - 0.2420 HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: LT-UNK		NANO: Unknown WARNINGS	8-03 5:29:10 SUBSTANCE ROLE: Coating		
ETHANOL, 2-(2-BUTOXYE HAZARD DATA SOURCE: %: 0.0000 - 0.2420 HAZARD TYPE None found	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE	RC: None	NANO: Unknown WARNINGS No warni NOTIFICATION	8-03 5:29:10 SUBSTANCE ROLE: Coating		
ETHANOL, 2-(2-BUTOXYE HAZARD DATA SOURCE: %: 0.0000 - 0.2420 HAZARD TYPE None found ADDITIONAL LISTINGS	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	RC: None	NANO: Unknown WARNINGS No warni NOTIFICATION	8-03 5:29:10 SUBSTANCE ROLE: Coating ings found on HPD Priority Hazard Lists		
ETHANOL, 2-(2-BUTOXYE HAZARD DATA SOURCE: %: 0.0000 - 0.2420 HAZARD TYPE None found ADDITIONAL LISTINGS	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	RC: None	NANO: Unknown WARNINGS No warni NOTIFICATION GSPI - Six Classes of	8-03 5:29:10 SUBSTANCE ROLE: Coating ings found on HPD Priority Hazard Lists		
ETHANOL, 2-(2-BUTOXYE HAZARD DATA SOURCE: %: 0.0000 - 0.2420 HAZARD TYPE None found ADDITIONAL LISTINGS RESTRICTED LIST SUBSTANCE NOTES:	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	RC: None	NANO: Unknown WARNINGS No warni NOTIFICATION GSPI - Six Classes of	8-03 5:29:10 SUBSTANCE ROLE: Coating ings found on HPD Priority Hazard Lists		
ETHANOL, 2-(2-BUTOXYE HAZARD DATA SOURCE: %: 0.0000 - 0.2420 HAZARD TYPE None found ADDITIONAL LISTINGS RESTRICTED LIST SUBSTANCE NOTES: NAPHTHA (PETROLEUM)	Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE Green Science Policy Institute	RC: None	NANO: Unknown WARNINGS No warni NOTIFICATION GSPI - Six Classes of Some Solvents	8-03 5:29:10 SUBSTANCE ROLE: Coating ings found on HPD Priority Hazard Lists of Problematic Chemicals ID: 64742-48-9		

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based animal evidence	
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)	
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans	
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant	
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters	
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters	
GEN	EU - Annex VI CMRs	Mutagen - Category 1B	
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]	
GEN	GHS - Australia	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]	
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]	
МАМ	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]	
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]	
CAN	EU - REACH Annex XVII CMRs	Carcinogens: Category 1B	
GEN	EU - REACH Annex XVII CMRs	Germ cell mutagens: Category 1B	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals	
		Some Solvents	
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	

 TRIMETHYLBENZENES
 ID: 25551-13-7

 HAZARD DATA SOURCE:
 Pharos Chemical and Materials Library
 HAZARD SCREENING DATE: 2023-08-03 5:29:11

 %: 0.0000 - 0.2080
 Green Screen: BM-2
 RC: None
 NANO: Unknown
 SUBSTANCE Routing

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
МАМ	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]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		
BODY: 5056 ALUMINUM, IFI G FI GRADE 30/ ZINC PLATED 1	RADE/MANDREL MATERIAL: STEEL, 19	ID: Not Registere
AZARD DATA SOURCE: To	not Chemical Hazard Screening Library	HAZARD SCREENING DATE: 2023-08-03 5:06:22
	GreenScreen: NoGS	
		HAZARD SCREENING DATE: 2023-08-03 5:06:22 RC: None NANO: Unknown SUBSTANCE ROLE: Structure componen WARNINGS
%: 0.0000 - 0.1800	GreenScreen: NoGS	RC: None NANO: Unknown SUBSTANCE ROLE: Structure componer WARNINGS
%: <b>0.0000 - 0.1800</b> HAZARD TYPE	GreenScreen: NoGS	RC: None NANO: Unknown SUBSTANCE ROLE: Structure componer
%: 0.0000 - 0.1800 HAZARD TYPE None found	GreenScreen: <b>NoGS</b>	RC: None NANO: Unknown SUBSTANCE ROLE: Structure componer WARNINGS No warnings found on HPD Priority Hazard Lists
<ul> <li>%: 0.0000 - 0.1800</li> <li>HAZARD TYPE</li> <li>None found</li> <li>ADDITIONAL LISTINGS</li> <li>None found</li> <li>SUBSTANCE NOTES: Structu</li> <li>POLYURETHANE POLYMER CHYDROXYALKYL)-ALKYL-AL</li> <li>SOCYANATO-1-(ISOCYANAT</li> </ul>	GreenScreen: NoGS LIST NAME AND SOURCE LIST NAME AND SOURCE rre component	RC: None       NANO: Unknown       SUBSTANCE ROLE: Structure component         WARNINGS       WARNINGS         No warnings found on HPD Priority Hazard Lists         NOTIFICATION
<ul> <li>%: 0.0000 - 0.1800</li> <li>HAZARD TYPE</li> <li>None found</li> <li>ADDITIONAL LISTINGS</li> <li>None found</li> <li>SUBSTANCE NOTES: Structu</li> <li>POLYURETHANE POLYMER OF</li> <li>HYDROXYALKYL)-ALKYL-AL</li> <li>SOCYANATO-1-(ISOCYANATO-ALAND)</li> <li>ARBOMONOCYCLE, AND AL</li> <li>MINO ETHANOL</li> </ul>	GreenScreen: NoGS LIST NAME AND SOURCE LIST NAME AND SOURCE re component	RC: None       NANO: Unknown       SUBSTANCE ROLE: Structure component         WARNINGS       No warnings found on HPD Priority Hazard Lists         NOTIFICATION       No listings found on Additional Hazard Lists
%: 0.0000 - 0.1800         HAZARD TYPE         None found         ADDITIONAL LISTINGS         None found         SUBSTANCE NOTES: Structure         POLYURETHANE POLYMER OF         HYDROXYALKYL)-ALKYL-AL         SOCYANATO-1-(ISOCYANATO-         CARBOMONOCYCLE, AND AL         MINO ETHANOL	GreenScreen: NoGS LIST NAME AND SOURCE LIST NAME AND SOURCE re component	RC: None       NANO: Unknown       SUBSTANCE ROLE: Structure component         WARNINGS       No warnings found on HPD Priority Hazard Lists         NOTIFICATION       No listings found on Additional Hazard Lists         ID: Not Registered       ID: Not Registered
%: 0.0000 - 0.1800 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Structu POLYURETHANE POLYMER O HYDROXYALKYL)-ALKYL-AL SOCYANATO-1-(ISOCYANATO CARBOMONOCYCLE, AND AL AMINO ETHANOL	GreenScreen: NoGS LIST NAME AND SOURCE LIST NAME AND SOURCE IT Component OF POLYESTER, 3-HYDROXY-2- KANOIC ACID, ALKYL DIOL, 5- OALKYL)-1,3,3-TRIALKYL KYL TRIOL, SALTED WITH DIALKYL	RC: None       NANO: Unknown       SUBSTANCE ROLE: Structure component         WARNINGS       No warnings found on HPD Priority Hazard Lists         NOTIFICATION       No listings found on Additional Hazard Lists         ID: Not Registere       ID: Not Registere
%: 0.0000 - 0.1800         HAZARD TYPE         None found         ADDITIONAL LISTINGS         None found         SUBSTANCE NOTES: Structu         POLYURETHANE POLYMER OF         HYDROXYALKYL)-ALKYL-AL         SOCYANATO-1-(ISOCYANATO-AL         ARBOMONOCYCLE, AND AL         AMINO ETHANOL         HAZARD DATA SOURCE: Tox         %: 0.0000 - 0.1800	GreenScreen: NoGS LIST NAME AND SOURCE LIST NAME AND SOURCE ILIST NAME AND SOURCE re component OF POLYESTER, 3-HYDROXY-2- KANOIC ACID, ALKYL DIOL, 5- OALKYL)-1,3,3-TRIALKYL KYL TRIOL, SALTED WITH DIALKYL Croot Chemical Hazard Screening Library GreenScreen: NoGS	RC: None       NANO: Unknown       SUBSTANCE ROLE: Structure component         WARNINGS       No warnings found on HPD Priority Hazard Lists         NOTIFICATION       NOTIFICATION         ID: Not Registered       ID: Not Registered         HAZARD SCREENING DATE:       2023-08-03 5:06:23         RC: None       NANO: Unknown       SUBSTANCE ROLE: Coating         WARNINGS       WARNINGS
<ul> <li>%: 0.0000 - 0.1800</li> <li>HAZARD TYPE</li> <li>None found</li> <li>ADDITIONAL LISTINGS</li> <li>None found</li> <li>SUBSTANCE NOTES: Structu</li> <li>POLYURETHANE POLYMER OF HYDROXYALKYL)-ALKYL-AL SOCYANATO-1-(ISOCYANATO-ALKYL-AL SOCYANATO-1-(ISOCYANATO-ARBOMONOCYCLE, AND AL AMINO ETHANOL</li> <li>HAZARD DATA SOURCE: Tox</li> <li>%: 0.0000 - 0.1800</li> <li>HAZARD TYPE</li> </ul>	GreenScreen: NoGS LIST NAME AND SOURCE LIST NAME AND SOURCE ILIST NAME AND SOURCE re component OF POLYESTER, 3-HYDROXY-2- KANOIC ACID, ALKYL DIOL, 5- OALKYL)-1,3,3-TRIALKYL KYL TRIOL, SALTED WITH DIALKYL Croot Chemical Hazard Screening Library GreenScreen: NoGS	RC: None NANO: Unknown SUBSTANCE ROLE: Structure component   WARNINGS No warnings found on HPD Priority Hazard Lists   NOTIFICATION No listings found on Additional Hazard Lists   No listings found on Additional Hazard Lists   ID: Not Registere   HAZARD SCREENING DATE: 2023-08-03 5:06:23   RC: None NANO: Unknown SUBSTANCE ROLE: Coating

## BUTANOL

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCR	REENING DATE: 2023-08-03 5:29:11	
%: 0.0000 - 0.1450	GreenScreen: BM-2	RC: None	NANO: Unknown SUBSTANCE ROLE: Coating	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	EU - GHS (H-Statements) Ann	ex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
EYE	EU - GHS (H-Statements) Ann	ex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]	
SKI	GHS - New Zealand		Skin irritation category 2	
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]	
EYE	GHS - New Zealand		Serious eye damage category 1	
SKI	GHS - Japan		H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]	
SKI	GHS - Malaysia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
EYE	GHS - Malaysia		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]	
EYE	GHS - Japan		H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]	
EYE	GHS - Australia		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute	e (GSPI)	GSPI - Six Classes of Problematic Chemicals	
			Some Solvents	

ETHANOL				ID: 112-34-5
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCRE	ENING DATE: 2023-08	3-03 5:29:11
%: 0.0000 - 0.1450	GreenScreen: LT-P1	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]
EYE	GHS - New Zealand	Eye irritation category 2
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
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 of Problematic Chemicals
		Some Solvents
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:		

XYLENE			ID: 1330-20-7
HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE:	2023-08-03 5:29:11	

%: 0.0000 - 0.1450

GreenScreen: BM-1

RC: None NANO: Unknown SUBSTANCE ROLE: Coating

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
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
МАМ	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
EYE	GHS - Korea	H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]
SKI	GHS - Korea	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
МАМ	GHS - Korea	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - Repeated exposure - Category 1]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
SKI	GHS - Malaysia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Antimicrobials
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Some Solvents
SUBSTANCE NOTES:		

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-08-03 5:29:12			
%: 0.0000 - 0.0970	GreenScreen: BM-1	RC: None	NANO: Unknown SUBSTANCE ROLE: Coating		
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 [Carcinogen Category 1A or 1B]			
МАМ	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxi following repeated exposure - Category 1]		
МАМ	GHS - Australia		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute	(GSPI)	GSPI - Six Classes of Problematic Chemicals		
			Antimicrobials		
SUBSTANCE NOTES:					

METHYL ISOBUTYL KETONE				
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE: 2023-08	3-03 5:29:12
%: 0.0000 - 0.0630	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating

**AMORPHOUS SILICA** 

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	CA EPA - Prop 65	Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans
DEV	CA EPA - Prop 65	Developmental toxicity
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - 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]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: vapor) - Category 3]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
РНҮ	GHS - New Zealand	Flammable liquids category 2
РНҮ	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]
РНҮ	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
EYE	GHS - Malaysia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
МАМ	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: dust, mist - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Some Solvents
SUBSTANCE NOTES:		
.I. PIGMENT YELLOW 42		ID: <b>51274-00</b>
AZARD DATA SOURCE: Pha	aros Chemical and Materials Library HAZARD SC	CREENING DATE: 2023-08-03 5:29:12

%: 0.0000 - 0.0520	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Powder coating
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			No	o listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

T	C	UE	IN	E

ID: 108-88-3

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ibrary HAZARD SCREENING DATE: 2023-08-03 5:29:12			
%: 0.0000 - 0.0490	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Adhesive	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine	Disruptors	Potential Endocrine	Disruptor	
MUL	German FEA - Substances Waters	Hazardous to	Class 3 - Severe Ha	zard to Waters	
DEV	G&L - Neurotoxic Chemical	s	Developmental Neu	rotoxicant	
DEV	CA EPA - Prop 65		Developmental toxic	sity	
REP	CA EPA - Prop 65		Reproductive Toxici	ty - Female	
REP	GHS - Japan		H360 - May damage reproduction - Cate	fertility or the unborn child [Toxic to gory 1A]	
SKI	EU - GHS (H-Statements) A	nnex 6 Table 3-1	H315 - Causes skin Category 2]	irritation [Skin corrosion/irritation -	
PHY	EU - GHS (H-Statements) A	nnex 6 Table 3-1	H225 - Highly flamm liquids - Category 2	able liquid and vapour [Flammable	
MAM	EU - GHS (H-Statements) A	nnex 6 Table 3-1	H304 - May be fatal [Aspiration hazard -	if swallowed and enters airways Category 1]	
DEV	EU - GHS (H-Statements) A	nnex 6 Table 3-1	H361d - Suspected [Reproductive toxic	of damaging the unborn child ity - Category 2]	
SKI	GHS - New Zealand		Skin irritation catego	ory 2	
EYE	GHS - New Zealand		Eye irritation catego	ry 2	
SKI	GHS - Australia		H315 - Causes skin Category 2]	irritation [Skin corrosion/irritation -	
MAM	GHS - Japan		repeated exposure	age to organs through prolonged or Specific target organs/systemic toxicity exposure - Category 1]	
MAM	GHS - Japan			age to organs [Specific target kicity following single exposure -	
SKI	GHS - Japan		H315 - Causes skin Category 2]	irritation [Skin corrosion / irritation -	
REP	GHS - New Zealand		Reproductive toxicit	ty category 2	
REP	GHS - Korea		H361 - Suspected o [Reproductive toxic	f damaging fertility or the unborn child ity - Category 2]	

REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 2
SKI	GHS - Korea	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
SKI	GHS - Malaysia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
РНҮ	GHS - Korea	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
РНҮ	GHS - New Zealand	Flammable liquids category 2
РНҮ	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
РНҮ	GHS - Malaysia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
DEV	GHS - Malaysia	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]
РНҮ	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Some Solvents
RESTRICTED LIST	Cradle to Cradle Products Innovation Institu (C2CPII)	ute C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institu (C2CPII)	ute C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institu (C2CPII)	ute C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
SUBSTANCE NOTES:		
CUMENE		ID: <b>98-82-</b> 8
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library HAZARD SC	CREENING DATE: 2023-08-03 5:29:13
%: 0.0000 - 0.0480	GreenScreen: LT-1 RC: None	NANO: Unknown SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	МАК	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CAN	CA EPA - Prop 65	Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
МАМ	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
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]
EYE	GHS - New Zealand	Eye irritation category 2
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - 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]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
AQU	GHS - Australia	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
AQU	GHS - Malaysia	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
SUBSTANCE NOTES:		Some Solvents
ETHYLBENZENE		ID: <b>100-41-4</b>

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-08-03 5:29:14

%: 0.0000 - 0.0480	GreenScreen: BM-1 RC: None	NANO: Unknown SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CAN	CA EPA - Prop 65	Carcinogen
CAN	МАК	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	IARC	Group 2b - Possibly carcinogenic to humans
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1A]
РНҮ	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	GHS - New Zealand	Carcinogenicity category 2
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
REP	GHS - New Zealand	Reproductive toxicity category 2
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
РНҮ	GHS - New Zealand	Flammable liquids category 2
РНҮ	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
РНҮ	GHS - Malaysia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
РНҮ	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals
		Some Solvents
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

**AMORPHOUS SILICA** 

ID: 7631-86-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-08				-08-03 5:29:14
%: 0.0000 - 0.0440	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Powder coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	GHS - Japan		H350 - May cause	cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia		H350i - May cause Category 1A or 1B	e cancer by inhalation [Carcinogenicity -
МАМ	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]
МАМ	GHS - Australia			mage to organs through prolonged or e [Specific target organ toxicity - e - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute	(GSPI)	GSPI - Six Classes	s of Problematic Chemicals
			Antimicrobials	

ALUMINUM HYDROXIDE				ID: 21645-51-2
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCI	REENING DATE: 2023	-08-03 5:29:13
%: 0.0000 - 0.0400	GreenScreen: BM-2	RC: None	NANO: Unknown	SUBSTANCE ROLE: Powder coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation cate	gory 2
EYE	GHS - New Zealand		Eye irritation cates	gory 2

ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innova (C2CPII)	ation Institute	C2C Certified v4 List (RSL) - Effec		estricted Substances
			Biological and E	nvironmentally Relea	sed Materials
RESTRICTED LIST	Cradle to Cradle Products Innova (C2CPII)	ation Institute	C2C Certified v4 List (RSL) - Effec		estricted Substances
			Children's Produ	cts	
SUBSTANCE NOTES:					
UNDISCLOSED					ID: Undisclosed
HAZARD DATA SOURCE:	Toxnot Chemical Hazard Screening Library	HAZARD S	CREENING DATE:	2023-08-03 5:06:37	
%: 0.0000 - 0.0310	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE	E: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No w	varnings found on HP	D Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found SUBSTANCE NOTES: Pr	oprietary Ingredient		1	No listings found on A	Additional Hazard Lists
SUBSTANCE NOTES: Pr			1	No listings found on A	
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS	STFREE	IAZARD SCRE			Additional Hazard Lists
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS	STFREE Pharos Chemical and Materials Library H	IAZARD SCRE		3-08-03 5:29:13	
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRY HAZARD DATA SOURCE:	STFREE Pharos Chemical and Materials Library H		ENING DATE: 202	3-08-03 5:29:13	ID: 112926-00-8
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290	STFREE Pharos Chemical and Materials Library GreenScreen: LT-UNK R		ENING DATE: 202 NANO: Unknown WARNINGS	3-08-03 5:29:13 SUBSTANCE RO	ID: 112926-00-8
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE	STFREE Pharos Chemical and Materials Library GreenScreen: LT-UNK R		ENING DATE: 202 NANO: Unknown WARNINGS	3-08-03 5:29:13 SUBSTANCE RO	ID: 112926-00-8
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE None found	STFREE Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE		ENING DATE: 202 NANO: Unknown WARNINGS No w NOTIFICATION	3-08-03 5:29:13 SUBSTANCE RO	ID: 112926-00-8
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE None found ADDITIONAL LISTINGS None found	STFREE Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE	C: None	ENING DATE: 202 NANO: Unknown WARNINGS No w NOTIFICATION	3-08-03 5:29:13 SUBSTANCE RO rarnings found on HP	ID: 112926-00-8 LE: Powder coating PD Priority Hazard Lists
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE None found ADDITIONAL LISTINGS None found	STFREE Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	C: None	ENING DATE: 202 NANO: Unknown WARNINGS No w NOTIFICATION	3-08-03 5:29:13 SUBSTANCE RO rarnings found on HP	ID: 112926-00-8 LE: Powder coating PD Priority Hazard Lists
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Si	STFREE Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE	C: None	ENING DATE: 202 NANO: Unknown WARNINGS No w NOTIFICATION	3-08-03 5:29:13 SUBSTANCE RO rarnings found on HP	ID: 112926-00-8 LE: Powder coating ID Priority Hazard Lists Additional Hazard Lists
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Si BLACK PIGMENT	STFREE Pharos Chemical and Materials Library GreenScreen: LT-UNK LIST NAME AND SOURCE LIST NAME AND SOURCE lica is bound within the product matrix and is	C: None	ENING DATE: 202 NANO: Unknown WARNINGS No w NOTIFICATION	3-08-03 5:29:13 SUBSTANCE RO rarnings found on HP No listings found on A	ID: 112926-00-8 LE: Powder coating D Priority Hazard Lists
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Si BLACK PIGMENT HAZARD DATA SOURCE:	STFREE         Pharos Chemical and Materials Library       H         GreenScreen: LT-UNK       R         LIST NAME AND SOURCE       H         LIST NAME AND SOURCE       H         lica is bound within the product matrix and is       H         Pharos Chemical and Materials Library       H	RC: None	ENING DATE: 202 NANO: Unknown WARNINGS No w NOTIFICATION	3-08-03 5:29:13 SUBSTANCE RO rarnings found on HP No listings found on A Il product. 3-08-03 5:29:14	ID: 112926-00-8 LE: Powder coating ID Priority Hazard Lists Additional Hazard Lists ID: 1333-86-4
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Si BLACK PIGMENT	STFREE         Pharos Chemical and Materials Library       H         GreenScreen: LT-UNK       R         LIST NAME AND SOURCE       H         LIST NAME AND SOURCE       H         lica is bound within the product matrix and is       H         Pharos Chemical and Materials Library       H	C: None	ENING DATE: 202 NANO: Unknown WARNINGS No w NOTIFICATION	3-08-03 5:29:13 SUBSTANCE RO rarnings found on HP No listings found on A Il product. 3-08-03 5:29:14	ID: 112926-00-8 LE: Powder coating ID Priority Hazard Lists Additional Hazard Lists
SUBSTANCE NOTES: Pr SILICA GEL, PPTD., CRYS HAZARD DATA SOURCE: %: 0.0000 - 0.0290 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: Si BLACK PIGMENT HAZARD DATA SOURCE:	STFREE         Pharos Chemical and Materials Library       H         GreenScreen: LT-UNK       R         LIST NAME AND SOURCE       H         LIST NAME AND SOURCE       H         lica is bound within the product matrix and is       H         Pharos Chemical and Materials Library       H	RC: None	ENING DATE: 202 NANO: Unknown WARNINGS No w NOTIFICATION	3-08-03 5:29:13 SUBSTANCE RO rarnings found on HP No listings found on A Il product. 3-08-03 5:29:14	ID: 112926-00-8 LE: Powder coating ID Priority Hazard Lists Additional Hazard Lists ID: 1333-86-4

HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	US CDC - Occupational Carcir	nogens	Occupational Car	cinogen
CAN	МАК		Carcinogen Group but not sufficient	p 3B - Evidence of carcinogenic effects for classification
CAN	CA EPA - Prop 65		Carcinogen - spec	cific to chemical form or exposure route
CAN	IARC		Group 2B - Possik occupational sour	bly carcinogenic to humans - inhaled from rces
CAN	IARC		Group 2b - Possik	oly carcinogenic to humans
EYE	GHS - New Zealand		Eye irritation cates	gory 2
CAN	GHS - New Zealand		Carcinogenicity ca	ategory 2
CAN	GHS - Japan		H351 - Suspected Category 2]	d of causing cancer [Carcinogenicity -
МАМ	GHS - Japan		repeated exposur	amage to organs through prolonged or re [Specific target organs/systemic toxicity d exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists
SUBSTANCE NOTES: ETHANONE, 2-HYDROXY	-1,2-DIPHENYL-			ID: <b>119-53-9</b>
HAZARD DATA SOURCE:				
%: 0.0000 - 0.0180	Pharos Chemical and Materials Library	HAZARD SCREI	ENING DATE: 2023	3-08-03 5:29:14
	Pharos Chemical and Materials Library GreenScreen: LT-P1	RC: None	ENING DATE: 2023	SUBSTANCE ROLE: Powder coating
HAZARD TYPE				
	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Powder coating
HAZARD TYPE	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz	RC: None	NANO: <b>Unknown</b> WARNINGS	SUBSTANCE ROLE: Powder coating
HAZARD TYPE	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters	RC: None	NANO: Unknown WARNINGS Class 2 - Hazard t NOTIFICATION	SUBSTANCE ROLE: Powder coating
HAZARD TYPE MUL ADDITIONAL LISTINGS	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters	RC: None	NANO: Unknown WARNINGS Class 2 - Hazard t NOTIFICATION	SUBSTANCE ROLE: Powder coating
HAZARD TYPE MUL ADDITIONAL LISTINGS None found	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters LIST NAME AND SOURCE	RC: None	NANO: Unknown WARNINGS Class 2 - Hazard t NOTIFICATION	SUBSTANCE ROLE: Powder coating
HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: SILICA, AMORPHOUS, FL	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters LIST NAME AND SOURCE	RC: None	NANO: Unknown WARNINGS Class 2 - Hazard t NOTIFICATION	SUBSTANCE ROLE: Powder coating to Waters o listings found on Additional Hazard Lists ID: 112945-52-5
HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: SILICA, AMORPHOUS, FL	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haz Waters LIST NAME AND SOURCE	RC: None	NANO: Unknown WARNINGS Class 2 - Hazard t NOTIFICATION	SUBSTANCE ROLE: Powder coating to Waters o listings found on Additional Hazard Lists ID: 112945-52-5
HAZARD TYPE MUL ADDITIONAL LISTINGS None found SUBSTANCE NOTES: SILICA, AMORPHOUS, FL HAZARD DATA SOURCE:	GreenScreen: LT-P1 LIST NAME AND SOURCE German FEA - Substances Haa Waters LIST NAME AND SOURCE JMED, CRYSTFREE Pharos Chemical and Materials Library	RC: None	NANO: Unknown WARNINGS Class 2 - Hazard t NOTIFICATION N ENING DATE: 2023	SUBSTANCE ROLE: Powder coating to Waters o listings found on Additional Hazard Lists ID: 112945-52-5 B-08-03 5:29:13

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found

## BIS(2,4-DICUMYLPHENYL) NEOPENTYL DIPHOSPHITE; 3,9-BIS[2,4-BIS(1-METHYL-1-PHENYLETHYL)PHENOXY]-2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO[5.5]UNDECANE

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	orary HAZARD SCREENING DATE: 2023-08-03 5:29:13				
%: 0.0000 - 0.0150	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Powder coating		
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS			
MUL	German FEA - Substances Ha Waters	zardous to	Class 2 - Hazard to	o Waters		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION			
None found			No	o listings found on Additional Hazard Lists		

ACETONE				ID: 67-64	4-1
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE: 2023-0	8-03 5:29:14	
%: 0.0000 - 0.0120	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Adhesive	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Di	sruptors	Potential Endocrine	Disruptor	
DEV	МАК		Pregnancy Risk Gro	up B	
EYE	EU - GHS (H-Statements) Anno	ex 6 Table 3-1	H319 - Causes serio damage/eye irritatio	us eye irritation [Serious eye n - Category 2A]	
РНҮ	EU - GHS (H-Statements) Anno	ex 6 Table 3-1	H225 - Highly flamm liquids - Category 2]	able liquid and vapour [Flammable	
EYE	GHS - New Zealand		Eye irritation catego	ry 2	
EYE	GHS - Australia		H319 - Causes serio damage/eye irritatio	us eye irritation [Serious eye n - Category 2A]	
MAM	GHS - Japan		repeated exposure [	age to organs through prolonged or Specific target organs/systemic toxicity exposure - Category 1]	ſ <b>y</b>
REP	GHS - Japan		H361 - Suspected of [Toxic to reproduction	f damaging fertility or the unborn child on - Category 2]	
РНҮ	GHS - New Zealand		Flammable liquids c	ategory 2	
РНҮ	GHS - Japan		H225 - Highly flamm liquids - Category 2]	able liquid and vapour [Flammable	
РНҮ	GHS - Malaysia		H225 - Highly flamm liquids - Category 2]	able liquid and vapour [Flammable	
РНҮ	GHS - Australia		H225 - Highly flamm liquids - Category 2]	able liquid and vapour [Flammable	
EYE	GHS - Malaysia		H319 - Causes serio damage/eye irritatio	us eye irritation [Serious eye n - Category 2A]	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute	Green Science Policy Institute (GSPI)		of Problematic Chemicals
			Some Solvents	
SUBSTANCE NOTES:				
DIIRON TRIOXIDE				ID: 1309-37-1
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCRE	ENING DATE: 2023-0	08-03 5:29:15
%: 0.0000 - 0.0120	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Powder coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
МАМ	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
EYE	GHS - Japan		H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]	
SKI	GHS - Japan		H315 - Causes skin Category 2]	n irritation [Skin corrosion / irritation -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
PARAFFIN				ID: 8002-74-2
	Pharos Chemical and Materials Library	HAZARD SCRE	FNING DATE: 2023-(	
%: 0.0000 - 0.0120	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warr	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
PROPANE				ID: 74-98-6
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-08-03 5:29:14		
%: 0.0000 - 0.0120	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Adhesive

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
РНҮ	EU - GHS (H-Statements) Annex 6 Table 3-1	H220 - Extremely flammable gas [Flammable gases - Category 1]
PHY	Québec CSST - WHMIS 1988	Class B1 - Flammable gases
РНҮ	GHS - Japan	H220 - Extremely flammable gas [Flammable gases - Category 1]
PHY	GHS - New Zealand	Flammable gas category 1A
РНҮ	GHS - Australia	H220 - Extremely flammable gas [Flammable gases - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

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 E	MISSI	ONS
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#### SCS Indoor Advantage Gold - Classroom & Office scenario

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Montreal, Canada and Johnstown, Ohio CERTIFICATE URL: ISSUE DATE: 2023-07-18 EXPIRY DATE: 2024-03-28 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

This HPD is provided solely for the intended recipient in connection with its assessment of products and for no other purpose. In providing information, AWI expresses no opinion and makes no representations as to the applicability, suitability, accuracy, or completeness of the declaration form, or the standards, rules, classifications, warnings, or criteria utilized or referenced therein. Information provided herein is qualified in its entirety by reference to the applicable product Safety Data Sheet (SDS) which can be located at www.armstrongceilings.com, as well as by the additional ingredient information provided for specified substances. Please refer to the Armstrong Commercial Ceilings website for more information on this product.

#### MANUFACTURER INFORMATION

MANUFACTURER: Armstrong World Industries ADDRESS: 2500 Columbia Avenue Lancaster PA 17603, USA WEBSITE: www.armstrongceilings.com

CONTACT NAME: TechLine TITLE: Customer Service Representative PHONE: 1-877-276-7876 EMAIL: techline@armstrongceilings.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

GreenScreen (GS)

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**

PreC Pre-consumer recycled content PostC Post-consumer recycled content UNK Inclusion of recycled content is unknown None 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™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

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

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

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

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