

HPD UNIQUE IDENTIFIER: 3407316563968

CLASSIFICATION: 09 51 13 Acoustical Panel Ceilings

PRODUCT DESCRIPTION: Decoustics 1' Impression Clean-Air Wall Panels are a premier line of customizable, high-quality, and acoustical panels.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i> Characterized ☒ Yes ☐ No <i>Provided weight and role.</i> Screened ☒ Yes ☐ No <i>Provided screening results using HPDC-approved methods.</i> Identified ☐ Yes ☒ No <i>Provided name and CAS RN or other identifier.</i>
☒ Nested Materials Method ☐ Basic Method	☐ 100 ppm ☒ 1,000 ppm ☐ Per GHS SDS ☐ Other	Completed in 8 of 8 Materials Explanation(s) provided for Residuals/Impurities? ☒ Yes ☐ No	
Threshold Disclosed Per			
☐ Material			
☒ Product			

CONTENT IN DESCENDING ORDER OF QUANTITY

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

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

GREENSCREEN SCORE | HAZARD TYPE

DECOUSTICS RAW FIBERGLASS CORE [**GLASS, OXIDE, CHEMICALS** **LT-UNK** **GLUCOSE** **BM-3** **AMMONIUM SULFATE** **LT-P1**]
END **D-FRUCTOSE** **LT-UNK** **1-PROPANAMINE, 3-(TRIETHOXSILYL)-** **LT-UNK** | SKI | MAM | EYE] **DECOUSTICS ALUMINUM EDGE** [**ALUMINUM** **BM-1**] END | MAM | PHY **IRON** **LT-P1** | END **COPPER** **LT-P1** | MUL | AQU | MAM **MAGNESIUM** **LT-UNK** | PHY | MAM | SKI | EYE **MANGANESE** **LT-P1**] END | MUL | REP | MAM | AQU **SILICON** **LT-UNK** **ZINC** **LT-P1** | MUL | AQU **CHROMIUM, METALLIC** **LT-P1**] END | SKI | MAM | REP | RES] **DECOUSTICS HD FIBERGLASS LAYER** [**GLASS, OXIDE, CHEMICALS** **LT-UNK** **UREA, POLYMER WITH FORMALDEHYDE AND PHENOL** **LT-UNK**] **DECOUSTICS FIBERGLASS VEIL** [**ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2)** **BM-2** | SKI | EYE **GLASS, OXIDE, CHEMICALS** **LT-UNK** **POLYVINYL ALCOHOL** **LT-UNK**] **DECOUSTICS GLUE #2** [**UNDISCLOSED** **LT-UNK** | MUL | **UNDISCLOSED** **BM-U**] MUL | END | REP | | MAM | AQU | DEV | NEU **UNDISCLOSED** **BM-4** | **UNDISCLOSED** **LT-P1** | MAM | | REP **UNDISCLOSED** **LT-1** | MAM | REP | EYE | MUL | AQU | SKI | DEV | **UNDISCLOSED** **LT-1** | MAM | REP | MUL | EYE | AQU | SKI | DEV] **DECOUSTICS MOUNTING HARDWARE** [**STEEL** **NoGS**] **DECOUSTICS UV CURED INKS** [**2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER** **LT-P1** | MUL **2-PROPENOIC ACID, 1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPT-2-YL ESTER, EXO-** **LT-P1** | SKI | MUL **2-PROPENOIC ACID, (TETRAHYDRO-2-FURANYL)METHYL ESTER** **BM-1** | MUL **OXYBIS(METHYL-2,1-ETHANEDIYL) DIACRYLATE** **LT-UNK** | SKI | EYE **1-VINYLBIS(2-ETHANEDIYL) DIACRYLATE** **LT-UNK** **2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER, POLYMER WITH 2-AMINOETHANOL** **LT-UNK** **2-PROPENOIC ACID, ISODECYL ESTER** **LT-P1** | MUL] **DECOUSTICS EDGE PAINT** [**CALCIUM CARBONATE** **BM-3** | EYE **ALUMINUM HYDROXIDE** **BM-2** | SKI | EYE **TITANIUM** **LT-UNK** | PHY **POLYMETHYL METHACRYLATE** **LT-P1**]

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

☐ Yes

☒ No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2024-08-09

PUBLISHED DATE: 2024-08-09

EXPIRY DATE: 2027-08-09

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

DECOUSTICS RAW FIBERGLASS CORE		%: 38.8000 - 55.5900	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other: Fiberglass core
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered and determined to be below the 1000 ppm threshold.			
OTHER MATERIAL NOTES: This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.			

GLASS, OXIDE, CHEMICALS				ID: 65997-17-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:05	
%: 88.0000 - 96.0000	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	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety	
SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.				

GLUCOSE			ID: 50-99-7	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:05	
%: 1.0000 - 15.0000	GreenScreen: BM-3	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety	

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

AMMONIUM SULFATE

ID: 7783-20-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:05	
%: 1.0000 - 10.0000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Activator
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List		
		Antimicrobials		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Biological and Environmentally Released Materials		

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

D-FRUCTOSE

ID: 57-48-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:06	
%: 1.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions		
		Exempted from REACH Annex IV listing due to intrinsic safety		

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

1-PROPANAMINE, 3-(TRIETHOXYSILYL)-

ID: 919-30-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:06	
%: 0.1000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Activator

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
SKI	GHS - New Zealand	Skin corrosion category 1C
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

DECOUSTICS ALUMINUM EDGE		%: 20.3900 - 40.6500	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered and determined to be below the 1000 ppm threshold.			
OTHER MATERIAL NOTES: This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.			

ALUMINUM					ID: 7429-90-5
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:07		
%: 90.0000 - 96.0000	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Alloy element	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	GHS - Japan	H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]
PHY	GHS - Malaysia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - New Zealand	Pyrophoric solids category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.		

IRON

ID: 7439-89-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-09 7:22:07	
%: 0.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: Unknown SUBSTANCE ROLE: Alloy element
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
None found		No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.			

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-09 7:22:07

%: 0.0000 - 5.0000

GreenScreen: LT-P1

RC: None

NANO: Unknown

SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-09 7:22:08

%: 0.0000 - 5.0000

GreenScreen: LT-UNK

RC: None

NANO: Unknown

SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
PHY	GHS - Australia	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.		

MANGANESE		ID: 7439-96-5
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-09 7:22:08
%: 0.0000 - 5.0000	GreenScreen: LT-P1	RC: None NANO: Unknown SUBSTANCE ROLE: Alloy element

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.		

SILICON

ID: 7440-21-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-09 7:22:07	
%: 0.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown SUBSTANCE ROLE: Alloy element
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: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

ZINC

ID: 7440-66-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-08-09 7:22:07**

%: **0.0000 - 5.0000** GreenScreen: **LT-P1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

CHROMIUM, METALLIC

ID: 7440-47-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-08-09 7:22:08**

%: **0.0000 - 1.0000** GreenScreen: **LT-P1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
REP	GHS - New Zealand	Reproductive toxicity category 2
RES	GHS - Japan	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

DECOUSTICS HD FIBERGLASS LAYER

%: 7.7300 - 11.0800

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other: Fiberglass High Density
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RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:08		
%: 80.0000 - 100.0000	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		
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety		
SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.					

UREA, POLYMER WITH FORMALDEHYDE AND PHENOL

ID: 25104-55-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:08		
%: 0.0000 - 20.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
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	International Living Future Institute (ILFI)		Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 Red List substances to avoid in Living Building Challenge V4.0 projects		
SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.					

DECOUSTICS FIBERGLASS VEIL

%: 4.1700 - 5.9700

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

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.

ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2)

ID: 8064-00-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-09 7:22:09

%: 60.0000 - 80.0000

GreenScreen: BM-2

RC: None

NANO: Unknown

SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

GLASS, OXIDE, CHEMICALS

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-09 7:22:09

%: 20.0000 - 30.0000

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
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

POLYVINYL ALCOHOL

ID: 9002-89-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-09 7:22:10

%: 5.0000 - 10.0000

GreenScreen: LT-UNK

RC: None

NANO: Unknown

SUBSTANCE ROLE: Binder

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: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.

DECOUSTICS GLUE #2 %: 3.6200 - 3.9100

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

RESIDUALS AND IMPURITIES NOTES: The information for the adhesive was received from our supplier and is considered confidential. All raw materials were screened within the Builder. Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-08-06 12:37:35		
%: 70.0000 - 80.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Mult*		
	EC - CEPA DSL	Persistence		
MUL	EC - CEPA DSL	Mult*		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: All raw materials of this adhesive are proprietary, information has been reviewed from our supplier under NDA and reviewed within 3E Exchange.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-08-06 12:37:36		
%: 10.0000 - 15.0000	GreenScreen: BM-U	RC: None	NANO: Unknown	SUBSTANCE ROLE: Flame retardant

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	ChemSec - SIN List	Mult*
END	TEDX - Potential Endocrine Disruptor	Endocrine Activity
REP	Japan - GHS	Reproductive Toxicity
MUL	German FEA - Substances Hazardous to Waters	Mult*
	EC - CEPA DSL	Persistence
MAM	Japan - GHS	Acute Mammalian Toxicity
MAM	Korea - GHS	Acute Mammalian Toxicity
MUL	Japan - GHS	Mult*
MUL	Korea - GHS	Mult*
AQU	Japan - GHS	Acute Aquatic Toxicity
MAM	Australia - GHS	Acute Mammalian Toxicity
AQU	New Zealand - GHS	Chronic Aquatic Toxicity
DEV	Australia - GHS	Developmental Toxicity
REP	Australia - GHS	Reproductive Toxicity
NEU	Japan - GHS	Neurotoxicity (Single Exposure)
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: All raw materials of this adhesive are proprietary, information has been reviewed from our supplier under NDA and reviewed within 3E Exchange.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-08-06 12:37:38		
%: 5.0000 - 10.0000	GreenScreen: BM-4	RC: None	NANO: Unknown	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
	EC - CEPA DSL	Persistence		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: All raw materials of this adhesive are proprietary, information has been reviewed from our supplier under NDA and reviewed within 3E Exchange.

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-08-06 12:37:42		
%: 1.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Activator	
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS			
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)			
MAM	Australia - GHS	Acute Mammalian Toxicity			
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Single Exposure)			
	EC - CEPA DSL	Bioaccumulation			
REP	Australia - GHS	Reproductive Toxicity			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION			
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: All raw materials of this adhesive are proprietary, information has been reviewed from our supplier under NDA and reviewed within 3E Exchange.					

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2024-08-06 12:37:41		
%: 1.0000 - 5.0000	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MAM	EU - GHS (H-Statements)	Acute Mammalian Toxicity
REP	New Zealand - GHS	Reproductive Toxicity
EYE	New Zealand - GHS	Eye Irritation/Corrosivity
MAM	Korea - GHS	Acute Mammalian Toxicity
MAM	New Zealand - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MUL	Japan - GHS	Mult*
MUL	Korea - GHS	Mult*
AQU	New Zealand - GHS	Acute Aquatic Toxicity
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MUL	Australia - GHS	Mult*
AQU	Australia - GHS	Chronic Aquatic Toxicity
AQU	Japan - GHS	Acute Aquatic Toxicity
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
MUL	EU - GHS (H-Statements)	Mult*
SKI	Japan - GHS	Skin Sensitization
AQU	New Zealand - GHS	Chronic Aquatic Toxicity
DEV	MAK	Developmental Toxicity
	EC - CEPA DSL	Bioaccumulation
REP	Australia - GHS	Reproductive Toxicity
MAM	EU - GHS (H-Statements)	Systemic Toxicity/Organ Effects (Single Exposure)
MAM	New Zealand - GHS	Acute Mammalian Toxicity
MAM	New Zealand - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
MAM	Malaysia - GHS	Acute Mammalian Toxicity
AQU	Malaysia - GHS	Chronic Aquatic Toxicity
AQU	EU - GHS (H-Statements)	Chronic Aquatic Toxicity
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: All raw materials of this adhesive are proprietary, information has been reviewed from our supplier under NDA and reviewed within 3E Exchange.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library

HAZARD SCREENING DATE: 2024-08-06 12:37:39

%: 1.0000 - 5.0000

GreenScreen: LT-1

RC: None

NANO: Unknown

SUBSTANCE ROLE: Flame retardant

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MAM	EU - GHS (H-Statements)	Acute Mammalian Toxicity
REP	New Zealand - GHS	Reproductive Toxicity
MUL	German FEA - Substances Hazardous to Waters	Mult*
EYE	New Zealand - GHS	Eye Irritation/Corrosivity
MAM	New Zealand - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
MUL	EC - CEPA DSL	Mult*
MUL	Japan - GHS	Mult*
MUL	Korea - GHS	Mult*
AQU	New Zealand - GHS	Acute Aquatic Toxicity
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
AQU	Japan - GHS	Acute Aquatic Toxicity
MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
MUL	EU - GHS (H-Statements)	Mult*
SKI	Japan - GHS	Skin Sensitization
AQU	New Zealand - GHS	Chronic Aquatic Toxicity
DEV	MAK	Developmental Toxicity
REP	Australia - GHS	Reproductive Toxicity
MAM	EU - GHS (H-Statements)	Systemic Toxicity/Organ Effects (Single Exposure)
MAM	New Zealand - GHS	Acute Mammalian Toxicity
MAM	New Zealand - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
AQU	EU - GHS (H-Statements)	Chronic Aquatic Toxicity
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: All raw materials of this adhesive are proprietary, information has been reviewed from our supplier under NDA and reviewed within 3E Exchange.

DECOUSTICS MOUNTING HARDWARE %: 1.0700 - 2.9800

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

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:09		
%: 95.0000 - 100.0000	GreenScreen: NoGS	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: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached. The raw material range is reflective of the products within this HPD as noted in the Product Description Section.					

DECOUSTICS UV CURED INKS

%: 0.8100 - 1.2900

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other: UV Cured Inks
RESIDUALS AND IMPURITIES NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when 1000 ppm reporting threshold is reached.		
OTHER MATERIAL NOTES: This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.		

2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER

ID: 48145-04-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:10	
%: 14.4000 - 26.5000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Activator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Ink formulation information has been relayed by the ink manufacturer.				

2-PROPENOIC ACID, 1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPT-2-YL ESTER, EXO-

ID: 5888-33-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:10		
%: 10.9000 - 26.5000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Ink formulation information has been relayed by the ink manufacturer.		

2-PROPENOIC ACID, (TETRAHYDRO-2-FURANYL)METHYL ESTER

ID: 2399-48-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:11	
%: 9.4000 - 19.7728	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Abrasion resistance
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Ink formluation information has been relayed by the ink maufacturer.				

OXYBIS(METHYL-2,1-ETHANEDIYL) DIACRYLATE

ID: 57472-68-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:11	
%: 7.7220 - 18.1500	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation category 2	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Ink formulation information has been relayed by the ink manufacturer.				

1-VINYLHEXAHYDRO-2H-AZEPIN-2-ONE

ID: 2235-00-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:11	
%: 7.9500 - 15.5000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Ink formluation information has been relayed by the ink maufacturer.				

2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER, POLYMER WITH 2-AMINOETHANOL

ID: 67906-98-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:10	
%: 4.0500 - 10.2500	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Ink formluation information has been relayed by the ink mauufacturer.				

2-PROPENOIC ACID, ISODECYL ESTER

ID: 1330-61-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:11	
%: 3.4000 - 8.0000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Activator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List	
			Some Solvents	
SUBSTANCE NOTES: Ink formluation information has been relayed by the ink maufacturer.				

DECOUSTICS EDGE PAINT

%: 0.4200 - 0.8400

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:11	
%: 40.0000 - 55.0000	GreenScreen: BM-3	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: The raw material range is reflective of the products within this HPD as noted in the Product Description Section.				

ALUMINUM HYDROXIDE

ID: 21645-51-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:12	
%: 15.0000 - 25.0000	GreenScreen: BM-2	RC: None	NANO: Unknown	SUBSTANCE ROLE: Abrasion resistance
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation category 2	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Biological and Environmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Children's Products	
SUBSTANCE NOTES: The raw material range is reflective of the products within this HPD as noted in the Product Description Section.				

TITANIUM

ID: 7440-32-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:11	
%: 8.5000 - 20.0000	GreenScreen: LT-UNK	RC: None	NANO: Unknown	SUBSTANCE ROLE: Brightener

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable solids - Category 1]
PHY	GHS - Japan	H250 - Catches fire spontaneously if exposed to air [Pyrophoric solids - Category 1]
PHY	GHS - Japan	H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: The raw material range is reflective of the products within this HPD as noted in the Product Description Section.		

POLYMETHYL METHACRYLATE

ID: 9011-14-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:22:12	
%: 5.0000 - 20.0000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautionary List	
			Precautionary list of substances recommended for avoidance	
SUBSTANCE NOTES: The raw material range is reflective of the products within this HPD as noted in the Product Description Section.				

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	CDPH Standard Method - Not tested	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2024-08-06 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: At this point this product has not been tested, no emissions are anticipated due to data from similar products.	EXPIRY DATE:	
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 Health Product Declaration was self prepared by CertainTeed Decoustics. Mounting hardware for installation is included in the material inventory for this HPD. For further information about installation, use, and maintenance, please visit <https://decoustics.com/> or <https://saintgobain.ecomedes.com/>

MANUFACTURER INFORMATION

MANUFACTURER: **Saint Gobain**
 ADDRESS: **61 Royal Group Crescent**
Woodbridge, Ontario L4H 1X9
 COUNTRY: **Canada**

WEBSITE: **<https://decoustics.com/>**
 CONTACT NAME: **Lou Bartella**
 TITLE: **Senior Engineering and Operations Manager**
 PHONE: **905-652-5227**
 EMAIL: **Lou.Bartella@saint-gobain.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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

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

