

HPD UNIQUE IDENTIFIER: 2351495168
CLASSIFICATION: 09 51 13 Acoustical Panel Ceilings
PRODUCT TYPE: Accessories (Acoustical Ceiling)
PRODUCT DESCRIPTION: 1" Acoustical ceiling Nuvola cloud made with formaldehyde free fiberglass core and digital printed solid wood finish.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	
☒ Nested Materials Method ☐ Basic Method	☐ 100 ppm ☒ 1,000 ppm ☐ Per GHS SDS ☐ Other	Completed in 6 of 6 Materials Explanation(s) provided for Residuals/Impurities? ☒ Yes ☐ No	<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>
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** **D-FRUCTOSE** **LT-UNK** **AMMONIUM SULFATE** **LT-P1** | END **1-PROPANAMINE, 3-(TRIETHOXSILYL)-** **LT-UNK** | SKI | MAM | EYE] **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 MOUNTING HARDWARE** [**STEEL** **NoGS**] **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 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-HYDROXY-2-PROPYL)PHOSPHONATE** **LT-UNK** **2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER, POLYMER WITH 2-AMINOETHANOL** **LT-UNK** **2-PROPENOIC ACID, ISODECYL ESTER** **LT-P1** | MUL **ETHYL PHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINATE** **LT-P1** | MUL **2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER** **LT-P1** | SKI | MUL | EYE | AQU]

Number of Greenscreen BM-4/BM3 contents ... 2
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1, 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.

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: CDPH Standard Method - Not tested

CONSISTENCY WITH OTHER PROGRAMS

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

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

%: 49.7400 - 55.2700

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 7:44:58

%: 88.0000 - 95.0000

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 7:44:58

%: 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.

D-FRUCTOSE

ID: 57-48-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:44:59	
%: 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.

AMMONIUM SULFATE

ID: 7783-20-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:44:58	
%: 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.

1-PROPANAMINE, 3-(TRIETHOXYSILYL)-

ID: 919-30-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:44:59	
%: 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 HD FIBERGLASS
LAYER

%: 19.5600 - 21.7300

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Other: High Density
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.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:44:58		
%: 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 7:44:58	
%: 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

%: 11.5800 - 12.2500

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other: Fiberglass Veil
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 7:44:58		
%: 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 7:44:59		
%: 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 7:44:59		
%: 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 MOUNTING HARDWARE

%: 2.0000 - 10.1400

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.

STEEL

ID: 12597-69-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-09 7:44:59		
%: 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 GLUE #2

%: 5.7900 - 6.1800

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Polymeric Material

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.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library		HAZARD SCREENING DATE: 2024-07-26 10:45:32	
%: 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: 2024-07-26 10:45:33		
%: 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: 2024-07-26 10:45:34

%: 5.0000 - 10.0000 GreenScreen: BM-4 RC: None NANO: Unknown SUBSTANCE ROLE: Dispersant

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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	EC - CEPA DSL	Persistence
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ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
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None found	No listings found on Additional Hazard Lists	
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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: 2024-07-26 10:45:39

%: 1.0000 - 5.0000 GreenScreen: LT-P1 RC: None NANO: Unknown SUBSTANCE ROLE: Activator

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Repeated Exposure)
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MAM	Australia - GHS	Acute Mammalian Toxicity
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MAM	Australia - GHS	Systemic Toxicity/Organ Effects (Single Exposure)
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	EC - CEPA DSL	Bioaccumulation
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REP	Australia - GHS	Reproductive Toxicity
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ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
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None found	No listings found on Additional Hazard Lists	
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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: 2024-07-26 10:45:37

%: 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 LibraryHAZARD SCREENING DATE: 2024-07-26 10:45:36

%: 1.0000 - 5.0000GreenScreen: LT-1RC: NoneNANO: UnknownSUBSTANCE 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 UV CURED INKS %: 2.8000 - 2.9600

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Other: UV Cured Ink

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.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:45:00	
%: 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 formluation information has been relayed by the ink maufacturer.				

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 7:45:00	
%: 10.9000 - 25.5000	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 formluation information has been relayed by the ink maufacturer.				

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 7:45:00	
%: 9.4000 - 18.7728	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.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:45:00		
%: 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 formluation information has been relayed by the ink maufacturer.					

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

ID: 2235-00-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:45:00		
%: 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 7:45:01		
%: 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.					

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:45:01	
%: 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.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:45:01	
%: 2.0000 - 6.0000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Photoinitiator
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 formluation information has been relayed by the ink maufacturer.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-09 7:45:01	
%: 0.8900 - 5.5000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Diluent

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
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
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]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]

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.

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

