

CLASSIFICATION: 09 51 14

PRODUCT DESCRIPTION: The Fabric Panel (1in) AP consists of a medium density core with a fabric finish.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals/Impurities Considered in 9 of 9 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized

- Yes Ex/SC
- Yes
- No

% weight and role provided for all substances.

Screened

- Yes Ex/SC
- Yes
- No

All substances screened using Priority Hazard Lists with results disclosed.

Identified

- Yes Ex/SC
- Yes
- No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

RAW FIBERGLASS CORE [CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK UREA PHENOL FORMALDEHYDE LT-UNK] FABRIC [POLYETHYLENE LT-UNK POLYPROPYLENE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END SILICA, AMORPHOUS LT-P1 | CAN CALCIUM CARBONATE BM-3] CLIPS & SCREWS [AISI 10B21 STEEL NoGS] RESIN SPOTS [FATTY ACIDS, TALL-OIL, REACTION PRODUCTS WITH TETRAETHYLENEPENTAMINE LT-P1 | MUL TRIETHYLENETETRAMINE, METHYLOXIRANE POLYMER LT-UNK TRIPHENYL PHOSPHITE LT-P1 | AQU | SKI | EYE | MUL TETRAETHYLENEPENTAMINE LT-P1 | AQU | SKI | MUL TRIETHYLENETETRAMINE LT-P1 | RES | SKI | MUL] ADHESIVE 4 [UNDISCLOSED LT-UNK UNDISCLOSED BM-4 UNDISCLOSED BM-2 | RES UNDISCLOSED LT-1 | CAN | END UNDISCLOSED BM-2 | END UNDISCLOSED LT-P1 | END UNDISCLOSED LT-P1 | CAN UNDISCLOSED BM-2 | RES UNDISCLOSED LT-P1 | CAN] HARDENING RESIN EDGE [EPICHLOROHYDRIN-BISPHENOL A RESIN LT-P1 | AQU | SKI | EYE | MUL ALKYL (C12, C14) GLYCIDYL ETHER LT-P1 | SKI | MUL TRIMETHYLOLPROPANE TRIACRYLATE LT-UNK | RES | CAN | SKI | EYE] ADHESIVE 1 [UNDISCLOSED LT-UNK UNDISCLOSED BM-4 UNDISCLOSED BM-4] | END | PBT | MUL] ADHESIVE 3 [ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL (PRIMARY CASRN IS 25213-24-5) LT-UNK] ADHESIVE 2 [WATER BM-4 1,3-BUTADIENE, 2,3-DICHLORO-, POLYMER WITH 2-CHLORO-1,3-BUTADIENE LT-UNK DISPROPORTIONATED ROSIN, GLYCEROL ESTER LT-UNK ROSIN, POLYMER WITH PHENOL LT-UNK]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... 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: VOC Emissions

LCA: Environmental Product Declaration (EPD) by UL - Industry Generic

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-01-14

PUBLISHED DATE: 2020-01-15

EXPIRY DATE: 2023-01-14



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

RAW FIBERGLASS CORE

#: 53.31 - 74.65

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES: The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

#: 70.00 - 90.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Core Material

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

UREA PHENOL FORMALDEHYDE

ID: 25104-55-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

#: 10.00 - 20.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Resin

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

FABRIC

#: 8.58 - 10.60

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES: The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

#: 90.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Fabric Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: N/A		

POLYPROPYLENE ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14	
%: 5.00	GS: LT-UNK	RC: None	NANO: No ROLE: Fabric Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: N/A			

TITANIUM DIOXIDE ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14	
%: 2.00	GS: LT-1	RC: None	NANO: No ROLE: Fabric Colorant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen	
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route	
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor	
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
SUBSTANCE NOTES: N/A			

SILICA, AMORPHOUS ID: 7631-86-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14	
%: 1.50	GS: LT-P1	RC: None	NANO: No ROLE: Fabric Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
CANCER	GHS - Australia	H350i - May cause cancer by inhalation	
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]	
SUBSTANCE NOTES: N/A			

CALCIUM CARBONATE ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14	
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%: **1.00** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Fabric Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **N/A**

CLIPS & SCREWS

%: **5.23 - 15.32**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

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

OTHER MATERIAL NOTES: **The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.**

AISI 10B21 STEEL

ID: **12597-69-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-01-14**

%: **100.00** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Metal Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **N/A**

RESIN SPOTS

%: **3.13 - 11.15**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

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

OTHER MATERIAL NOTES: **The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.**

FATTY ACIDS, TALL-OIL, REACTION PRODUCTS WITH TETRAETHYLENEMPENTAMINE

ID: **68953-36-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-01-14**

%: **0.00 - 50.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **N/A**

TRIETHYLENETETRAMINE, METHYLOXIRANE POLYMER

ID: **26950-63-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-01-14**

%: **0.00 - 50.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: N/A		

TRIPHENYL PHOSPHITE

ID: 101-02-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 0.00 - 50.00	GS: LT-P1	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life		
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: N/A				

TETRAETHYLENEPENTAMINE

ID: 112-57-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 0.00 - 50.00	GS: LT-P1	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: N/A				

TRIETHYLENETETRAMINE

ID: 112-24-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 0.00 - 50.00	GS: LT-P1	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		

ADHESIVE 4

%: 1.65 - 4.29

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES: The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers. Specific composition of this material remains unidentified due to the proprietary nature of this material.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

%: 30.00 - 40.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Adhesive Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Proprietary adhesive component

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

%: 30.00 - 40.00

GS: BM-4

RC: None

NANO: No

ROLE: Adhesive Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Proprietary adhesive component

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

%: 10.00 - 30.00

GS: BM-2

RC: None

NANO: No

ROLE: Adhesive Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Proprietary adhesive component

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

%: 5.00 - 13.00

GS: LT-1

RC: None

NANO: No

ROLE: Adhesive Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Proprietary adhesive component

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 1.00 - 5.00	GS: BM-2	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		

SUBSTANCE NOTES: Proprietary adhesive component

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 1.00 - 5.00	GS: LT-P1	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		

SUBSTANCE NOTES: Proprietary adhesive component

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 0.00 - 3.00	GS: LT-P1	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]		
CANCER	GHS - Australia	H350i - May cause cancer by inhalation		

SUBSTANCE NOTES: Proprietary adhesive component

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-01-14**

%: **0.00 - 3.00**

GS: **BM-2**

RC: **None**

NANO: **No**

ROLE: **Adhesive Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **Proprietary adhesive component**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-01-14**

%: **0.00 - 3.00**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Adhesive Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: **Proprietary adhesive component**

HARDENING RESIN EDGE

%: 1.65 - 4.29

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

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

OTHER MATERIAL NOTES: **The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 50.00 - 100.00	GS: LT-P1	RC: None	NANO: No	ROLE: Resin Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: N/A				

ALKYL (C12, C14) GLYCIDYL ETHER

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 10.00 - 20.00	GS: LT-P1	RC: None	NANO: No	ROLE: Resin Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: N/A				

TRIMETHYLOLPROPANE TRIACRYLATE

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 1.00 - 5.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Resin Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
CANCER	IARC	Group 2b - Possibly carcinogenic to humans		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
SUBSTANCE NOTES: N/A				

ADHESIVE 1

%: 1.23 - 1.65

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES: The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers. Specific composition of this material remains unidentified due to the proprietary nature of this material.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

%: 40.00 - 45.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Adhesive Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Proprietary Copolymer blend integral for adhesive properties

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

%: 40.00 - 45.00

GS: BM-4

RC: None

NANO: No

ROLE: Adhesive Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Proprietary adhesive component

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-01-14

%: 7.00 - 10.00

GS: BM-U

RC: None

NANO: No

ROLE: Adhesive Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

PBT

EHP - San Antonio Statement on BFRs & CFRs

Flame retardant substance class of concern for PB&T & long range transport

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

TSCA Work Plan chemical - ongoing chemical (risk) assessment

SUBSTANCE NOTES: Proprietary adhesive component

ADHESIVE 3

%: 0.61 - 0.89

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER MATERIAL NOTES: The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers. Specific composition of this material remains unidentified due to the proprietary nature of this material.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-01-14**

%: **70.00 - 80.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Adhesive Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **N/A**

ADHESIVE 2

%: 0.55 - 1.23

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

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

OTHER MATERIAL NOTES: **The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers. Specific composition of this material remains unidentified due to the proprietary nature of this material.**

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 30.00 - 60.00	GS: BM-4	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: N/A				

1,3-BUTADIENE, 2,3-DICHLORO-, POLYMER WITH 2-CHLORO-1,3-BUTADIENE

ID: 25067-95-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 20.00 - 40.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: N/A				

DISPROPORTIONATED ROSIN, GLYCEROL ESTER

ID: 8050-31-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 5.00 - 10.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: N/A				

ROSIN, POLYMER WITH PHENOL

ID: 68083-03-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-01-14		
%: 5.00 - 10.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Adhesive Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: N/A				

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

VOC Emissions

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2014-07-30**

EXPIRY DATE:

CERTIFIER OR LAB: **Berkeley Analytical**

APPLICABLE FACILITIES: **All facilities**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **ASTM D 5116-10 (Small Chamber)**

LCA

Environmental Product Declaration (EPD) by UL - Industry Generic

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All facilities**

CERTIFICATE URL: **https://decoustics.com/wp-content/uploads/2018/03/environmental_product_declaration_epd_wall_fabric_panel_ap_1inch_decoustics.pdf**

ISSUE DATE: EXPIRY DATE: CERTIFIER OR LAB:

2018-11-06 2023-11-06 **UL**

Environmental

CERTIFICATION AND COMPLIANCE NOTES: **EPD was certified by UL Environment**

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 prepared by Sustainable Solutions Corporation of Royersford, PA on behalf of 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/> This HPD meets the requirements for LEED v4 Material Ingredients, Option 1; however, it does not meet the requirements for LEED v4 Material Ingredient Option 2, which cannot be met due to lack of information from suppliers down to the 100ppm threshold.



MANUFACTURER INFORMATION

MANUFACTURER: **Saint Gobain**
 ADDRESS: **61 Royal Group Crescent**
Woodbridge Ontario L4H 1X9, Canada
 WEBSITE: **https://decoustics.com/**

CONTACT NAME: **Lou Bartella**
 TITLE: **Senior Engineering and Operations Manager**
 PHONE: **(905) 652-5227**
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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

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.