

HPD UNIQUE IDENTIFIER: 673047518208
CLASSIFICATION: 09 54 00 Specialty Ceilings
PRODUCT DESCRIPTION: Wood Grille type ceiling with True Access Hardware

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
☒ Nested Materials Method	☐ 100 ppm	Completed in 3 of 3 Materials	Characterized ☒ Yes ☐ No
☐ Basic Method	☒ 1,000 ppm	Explanation(s) provided for Residuals/Impurities?	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☒ Yes ☐ No	Screened ☒ Yes ☐ No
☐ Material	☐ Other		<i>Provided screening results using HPDC-approved methods.</i>
☒ Product			Identified ☐ Yes ☒ No
			<i>Provided name and CAS RN or other identifier.</i>

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
GRILLE MEMBER | **LUMBER, KILN DRIED AND SHAPED WATER** **BM-4** **UNDISCLOSED** **NoGS** **PYROXYLIN** **LT-UNK** | **PHY UREA FORMALDEHYDE** **LT-P1** | **SKI 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED** **LT-UNK** **CYANOGLUANIDINE** **LT-UNK** **UNDISCLOSED** **NoGS** **SILICA GEL** **LT-UNK** | **MAM PHOSPHORIC ACID, MONOPHENYL ESTER** **NoGS** **PHOSPHORIC ACID, DIPHENYL ESTER** **NoGS** **PHOSPHORIC ACID, MONOBUTYL MONOPHENYL ESTER** **NoGS** **PHENYLPROPYL ETHYL METHICONE** **NoGS** **BUTYL DIHYDROGEN PHOSPHATE** **LT-UNK** | **SKI** **BACKER** | **VENEER DOWELS** **UNDISCLOSED** **NoGS** **PYROXYLIN** **LT-UNK** | **PHY UREA FORMALDEHYDE** **LT-P1** | **SKI 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED** **LT-UNK** **CARBON BLACK** **BM-1 *** | **CAN** | **EYE** | **MAM** | **PHY** **UNDISCLOSED** **NoGS** **PHENYLPROPYL ETHYL METHICONE** **NoGS** **POLYVINYL ACETATE** **LT-UNK** **ADIPIC ACID/EPOXYPROPYL DIETHYLENETRIAMINE COPOLYMER** **LT-UNK** **PHOSPHORIC ACID, MONOPHENYL ESTER** **NoGS** **PHOSPHORIC ACID, DIPHENYL ESTER** **NoGS** **PHOSPHORIC ACID, MONOBUTYL MONOPHENYL ESTER** **NoGS** **WATER** **BM-4** **SOYBEAN MEAL** **LT-UNK** **SILICA GEL** **LT-UNK** | **MAM** **MAGNESIUM OXIDE** **BM-3dgr** | **CAN** | **MAM** | **TRUE ACCESS HARDWARE** | **ASTM A653 CS TYPE B CARBON OR STEEL ALLOY** **NoGS** **UNS G10500 CARBON OR STEEL ALLOY** **NoGS** |

Number of Greenscreen BM-4/BM3 contents ... 3
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
Special Conditions applied: [BiologicalMaterial]

Detailed disclosures where obtained for coatings, however a number of ingredients were requested to be undisclosed.

*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

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
Sustainable forestry: PEFC International Sustainability Benchmark - from sustainably managed forests (Chain of Custody from US & Canadian sources only)

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

- ☐ Yes
☒ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2024-08-20
PUBLISHED DATE: 2024-08-20
EXPIRY DATE: 2027-08-20

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

GRILLE MEMBER		%: 64.4000	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Wood or Lumber
RESIDUALS AND IMPURITIES NOTES: Review was conducted using best practices flow chart and no additional residuals or impurities were added			
OTHER MATERIAL NOTES: Kiln dried and shaped lumber with standard matte finish			

LUMBER, KILN DRIED AND SHAPED

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 96.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Tree-based materials				
INGREDIENT DESCRIPTION: Western Hemlock				
MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.				

WATER

ID: 7732-18-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:47	
%: 1.2160	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
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:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:48	
#: 0.6884	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Film former
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: Proprietary, manufacturer requests not to disclose name and CAS number				

PYROXYLIN

ID: 9004-70-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:48	
#: 0.2879	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PHY	GHS - Japan		H201 - Explosive; mass explosive hazard [Explosives - Division 1.1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

UREA FORMALDEHYDE

ID: 9011-05-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:48	
#: 0.0592	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
SKI	GHS - New Zealand	Skin sensitisation 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	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:

1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED

ID: 68002-20-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-20 11:09:48

%: 0.0592	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Film former
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	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:

CYANOGUANIDINE

ID: 461-58-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-20 11:09:48

%: 0.0572	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
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:

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-20 11:09:48

%: 0.0291	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
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		

SILICA GEL

ID: 112926-00-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:48	
%: 0.0178	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Matting agent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

PHOSPHORIC ACID, MONOPHENYL ESTER

ID: 701-64-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:48	
%: 0.0117	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
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:				

PHOSPHORIC ACID, DIPHENYL ESTER

ID: 838-85-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:49	
%: 0.0104	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Catalyst
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	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Flame Retardants
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Core Restrictions
SUBSTANCE NOTES:		

PHOSPHORIC ACID, MONOBUTYL MONOPHENYL ESTER

ID: 46438-39-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-20 11:09:49		
%: 0.0062	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
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:				

PHENYLPROPYL ETHYL METHICONE

ID: 68037-77-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-20 11:09:49		
%: 0.0055	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Surface modifier
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:				

BUTYL DIHYDROGEN PHOSPHATE

ID: 1623-15-0

%: 0.0015		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
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:					

BACKER	%: 20.1600
PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Wood or Lumber	
RESIDUALS AND IMPURITIES NOTES: Evaluation was conducted using the best practices flow chart and no additional residuals were identified.	
OTHER MATERIAL NOTES: Birch Plywood Backer, NAF adhesive and black finish	

VENEER	ID: Biological Material
HAZARD DATA SOURCE: HPDC Special Conditions Policy	
%: 84.7000 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Structure component	
HAZARD TYPE AGENCY AND LIST TITLES WARNINGS	
Hazard Screening is not applicable to this Special Condition	
BIOLOGICAL MATERIALS CATEGORY: Tree-based materials	
INGREDIENT DESCRIPTION: Birch face with softwood core	
MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.	

DOWELS	ID: Biological Material
HAZARD DATA SOURCE: HPDC Special Conditions Policy	
%: 10.2600 GreenScreen: Not Required RC: None NANO: No MATERIAL ROLE: Structure component	
HAZARD TYPE AGENCY AND LIST TITLES WARNINGS	
Hazard Screening is not applicable to this Special Condition	
BIOLOGICAL MATERIALS CATEGORY: Tree-based materials	
INGREDIENT DESCRIPTION: Birch	

MATERIAL CONTENT NOTES: This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:50	
%: 0.1748	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Film former
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: Proprietary, manufacturer requests not to disclose name and CAS number				

PYROXYLIN

ID: **9004-70-0**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:50	
%: 0.0672	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PHY	GHS - Japan		H201 - Explosive; mass explosive hazard [Explosives - Division 1.1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

UREA FORMALDEHYDE

ID: **9011-05-6**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:50	
%: 0.0138	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Film former
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin sensitisation 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	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:

1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED

ID: 68002-20-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:51		
%: 0.0138	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Film former	
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	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:

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:51		
%: 0.0121	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen**
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route**
CAN	IARC	Group 2b - Possibly carcinogenic to humans**
EYE	GHS - New Zealand	Eye irritation category 2**
CAN	GHS - New Zealand	Carcinogenicity category 2**
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]**
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: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:51		
#: 0.0045	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant	
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: Proprietary, manufacturer requested not to disclose.

PHENYLPROPYL ETHYL METHICONE

ID: 68037-77-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:51		
#: 0.0041	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier	

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:		

POLYVINYL ACETATE

ID: 9003-20-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-20 11:09:51		
%: 0.0031	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
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:				

ADIPIC ACID/EPOXYPROPYL DIETHYLENETRIAMINE COPOLYMER

ID: 25212-19-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-20 11:09:52		
%: 0.0030	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
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	Cradle to Cradle Products Innovation Institute (C2CP II)		C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Core Restrictions	
SUBSTANCE NOTES:				

PHOSPHORIC ACID, MONOPHENYL ESTER

ID: 701-64-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-20 11:09:52		
%: 0.0027	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst

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:		

PHOSPHORIC ACID, DIPHENYL ESTER

ID: 838-85-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-20 11:09:52		
%: 0.0024	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
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	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List	
			Flame Retardants	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Core Restrictions	
SUBSTANCE NOTES:				

PHOSPHORIC ACID, MONOBUTYL MONOPHENYL ESTER

ID: 46438-39-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-20 11:09:51		
%: 0.0015	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
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:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-20 11:09:52		
%: 0.0015	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
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:				

SOYBEAN MEAL

ID: 68308-36-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:52	
%: 0.0015	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
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:				

SILICA GEL

ID: 112926-00-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:52	
%: 0.0011	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Surface modifier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

MAGNESIUM OXIDE

ID: 1309-48-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:52	
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%: 0.0003		GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
CAN		MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
MAM		GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION	
None found				No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:					

TRUE ACCESS HARDWARE

%: 15.4300

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Evaluation was conducted using the best practices flow chart and no residuals or impurities were found.

OTHER MATERIAL NOTES: This is a summary of metal composition of the hardware components used in True Access assemblies.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:53	
#: 89.6000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Hardware
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:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-20 11:09:53	
#: 11.4000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Fastener
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:				

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: 2024-08-19 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: Springfield, OR	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES:		

SUSTAINABLE FORESTRY	PEFC International Sustainability Benchmark - from sustainably managed forests (Chain of Custody from US & Canadian sources only)	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2023-11-30 00:00:00	CERTIFIER OR LAB: SCS
APPLICABLE FACILITIES: Springfield, OR	EXPIRY DATE: 2028-11-29 00:00:00	
CERTIFICATE URL: https://pefc.org/find-certified/details?cbResetParam=1&CID=C-BY7M4G&LID=&EID=E-8YRZWG		
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

I'm not sure what to say here as I don't have anything else to add that is referenced directly in the standard. In general, this was a fairly difficult process to create this HPD, from getting supplier disclosures to technical issues with the HPD builder. In the end, I wonder; will anybody read this? Let me know if you did.

MANUFACTURER INFORMATION

MANUFACTURER: **9Wood**
ADDRESS: **999 South A Street**
Springfield, Oregon 97477
COUNTRY: **United States**

WEBSITE: **9Wood.com**
CONTACT NAME: **Louis Leatherman**
TITLE: **Sustainability Manager**
PHONE: **971-369-4949**
EMAIL: **lleatherman@9wood.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

