

UNDISCLOSED LT-P1 | MUL UNDISCLOSED NoGS UNDISCLOSED LT-
UNK UNDISCLOSED LT-UNK] LACQUER (TOP LAYER #1) [
UNDISCLOSED BM-1 UNDISCLOSED LT-UNK UNDISCLOSED LT-1 |
CAN | END UNDISCLOSED BM-3dg UNDISCLOSED LT-P1 | SKI | MUL |
EYE | AQU UNDISCLOSED LT-P1 UNDISCLOSED LT-UNK
UNDISCLOSED LT-P1 | SKI UNDISCLOSED LT-UNK UNDISCLOSED LT-
P1 | RES UNDISCLOSED LT-UNK | SKI UNDISCLOSED LT-UNK
UNDISCLOSED NoGS UNDISCLOSED LT-P1 | MUL UNDISCLOSED
NoGS UNDISCLOSED LT-P1 | END | MUL | CAN | GEN | MAM
UNDISCLOSED LT-UNK] LACQUER (TOP LAYER #2) [UNDISCLOSED
BM-1 UNDISCLOSED LT-P1 | SKI | MUL | EYE | AQU UNDISCLOSED LT-
UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | SKI | MUL | EYE
UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-1 | END | CAN | MUL |
GEN | MAM UNDISCLOSED LT-UNK UNDISCLOSED NoGS] LACQUER
(BOTTOM LAYER #1) [UNDISCLOSED BM-3dg UNDISCLOSED LT-1 |
CAN | END UNDISCLOSED LT-P1 | SKI | MUL | EYE | AQU
UNDISCLOSED LT-UNK UNDISCLOSED BM-1 UNDISCLOSED LT-P1
UNDISCLOSED LT-P1 | RES UNDISCLOSED NoGS UNDISCLOSED LT-
UNK UNDISCLOSED LT-UNK | SKI UNDISCLOSED NoGS
UNDISCLOSED NoGS UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 |
MUL] LACQUER (BOTTOM LAYER #2) [UNDISCLOSED BM-1
UNDISCLOSED NoGS UNDISCLOSED LT-P1 | SKI | MUL | EYE | AQU
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 |
SKI | MUL | EYE UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-1 | END |
CAN | MUL | GEN | MAM UNDISCLOSED LT-UNK UNDISCLOSED NoGS
UNDISCLOSED LT-P1 | MUL]

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Not applicable
Multi-attribute: Multi-attribute: CPA 4-19 Eco-Certified Composites (ECC)
Formaldehyde emissions: Substrate meet EPA TSCA Title VI (40 CFR 770), CAN/CSA-0160-16, ANSI A208.1 California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.
Formaldehyde emissions: Substrate meet CARB Composite Wood ATCM CA 93120 Ultra Low-Emitting Formaldehyde (ULEF).

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified? <input type="radio"/> Yes <input checked="" type="radio"/> No	PREPARER: Vertima VERIFIER: VERIFICATION #:	SCREENING DATE: 2022-03-25 PUBLISHED DATE: 2022-03-25 EXPIRY DATE: 2025-03-25
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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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

SC:BIO:SC:BIO: BIOLOGICAL MATERIAL %: 82.0100

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Wood Dust, Fiber or Chips

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities suspected to be present in wood fiber.

OTHER MATERIAL NOTES: SpecialConditionApplied:BiologicalMaterial --- Special Condition Applied: Biological Material

SC:SC: WOOD FIBER

ID: SC:Bio

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

%: 100.0000 GS: Not Screened RC: Both NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: 9004-34-6

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. 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. Wood fibers in particleboard used for LUMMIA product is made of pre-consumer and post-consumer recycled fibers. Pre-consumer Recycled includes fiber, such as scrap, trimmings and cuttings from manufacturing and converting processes of primary wood products. Examples of this category include planer shavings, plytrim, sawdust, fines, chips and bagasse. Post-consumer recycled materials includes materials that are generated by households or by commercial, industrial or institutional facilities.

UREA FORMALDEHYDE RESIN %: 14.1700

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: According to Pharos, known or potential residual for Formaldehyde compounds, Urea formaldehyde based, is formaldehyde (CAS Number: 50-00-0). No test have been done.

OTHER MATERIAL NOTES: Weight percentage may not vary as this HPD covers only one particle board grade.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-25 8:57:49

%: 88.8900 - 89.2100 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary.
Weight percentage may vary because the exact ratio is proprietary..

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:04**

#: **8.9500 - 10.8000** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary.
Weight percentage may vary because the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:38**

#: **Impurity/Residual** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEV	CA EPA - Prop 65	Developmental toxicity
DEV	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H370 - Causes damage to organs [Specific target organ toxicity - single exposure - Category 1]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary.
Weight percentage may vary. Depends to the ratio of each substance used in the mixture to manufacture the particleboard involve in LUMMIA product.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:39**

#: **0.0000 - 0.3400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary because the exact ratio is proprietary. .		

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:39		
%: 0.0000 - 1.7000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.				

HIGH PRESSURE LAMINATED #1 %: **1.2200**

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Paper or Cardboard
RESIDUALS AND IMPURITIES NOTES: Supplier declared, based on their technical/scientific knowledge, that residuals and impurities were not present in their product.		
OTHER MATERIAL NOTES: Weight percentage may not vary as this HPD covers only one particle board grade. The composition of this material is confidential. Supplier is certified GREENGUARD and GREENGUARD Gold.		

PAPER

ID: **9004-34-6**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:57:57		
%: 20.0000 - 80.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary.				

MELAMINE/FORMALDEHYDE RESIN

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:57:56		
%: 20.0000 - 80.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary.				

HIGH PRESSURE LAMINATED #2 %: **1.2200**

RESIDUALS AND IMPURITIES NOTES: Supplier A declared, based on their technical/scientific knowledge, that residuals and impurities were not present in their product.

OTHER MATERIAL NOTES: Weight percentage may not vary as this HPD covers only one particle board grade. The composition of this material is confidential.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:52**

%: **35.6000 - 47.6000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:59**

%: **13.0000 - 67.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary.

METHYL ALCOHOL

ID: **67-56-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:40**

%: **Impurity/Residual** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEV	CA EPA - Prop 65	Developmental toxicity
DEV	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H370 - Causes damage to organs [Specific target organ toxicity - single exposure - Category 1]

SUBSTANCE NOTES: Weight percentage may vary as depends to the ratio of each substance used in the mixture for the product manufacturing.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:40**

%: **0.0000 - 38.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary

CATALYST

%: **0.8800**

PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: The supplier declared, based on the technical/scientific knowledge, that no residuals and impurities were present in their product.

OTHER MATERIAL NOTES: Weight percentage may not vary as this HPD covers only one particle board grade. Some substances fall below the reportable threshold, and are not reported in the content inventory.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:51**%: **50.0000 - 60.0000** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

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

SUBSTANCE NOTES: Weight percentage may vary the exact ratio is proprietary. According to the supplier, residual and impurity are below the threshold

AMMONIUM NITRATE

ID: 6484-52-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:50**%: **50.0000 - 60.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Catalyst**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Weight percentage may vary the exact ratio is proprietary. According to the supplier, residual and impurity are below the threshold.

WATER

%: 0.5200

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Other: Water

RESIDUALS AND IMPURITIES NOTES: No data collected regarding this material.

OTHER MATERIAL NOTES: Weight percentage may not vary as this HPD covers only one particle board grade. Standard water is used (municipal).

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:48**%: **100.0000** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

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

SUBSTANCE NOTES: According to the supplier, residual and impurity are below the threshold.

WAX

%: 0.3400

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Suppliers declared, based on technical/scientific knowledge, that no residuals or impurities were present in their product. However, no tests were performed on their product. According to Pharos, known or potential residuals for slack wax (64742-61-6) is paraffin (8002-74-2) and paraffin oil (8012-95-1).

OTHER MATERIAL NOTES: Wax is used as water repellent. Substance name is UnDisclosed because they are proprietary. Weight percentage may not vary as this HPD covers only one particle board grade.

UNDISCLOSEDID: **Undisclosed**

%: **50.0000 - 60.0000**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Water resistance**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]

SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary. According to the supplier, residual and impurity are below the threshold.

UNDISCLOSEDID: **Undisclosed**%: **40.0000 - 50.0000**GS: **BM-4**RC: **None**NANO: **No**SUBSTANCE ROLE: **Diluent**

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

SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary. According to the supplier, residual and impurity are below the threshold.

UNDISCLOSEDID: **Undisclosed**%: **0.5000 - 3.0000**GS: **NoGS**RC: **None**NANO: **No**SUBSTANCE ROLE: **Surfactant**

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

SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary. According to the supplier, residual and impurity are below the threshold.

UNDISCLOSEDID: **Undisclosed**%: **0.5000 - 3.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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]

SUBSTANCE NOTES: Weight percentage may vary as the exact ratio is proprietary. Information about residuals and impurities not available from supplier since no tests are made. See Other Material

LACQUER (FINISH HIGH GLOSS) %: 0.3000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: According to the supplier and based on their technical/scientific knowledge as well as information from their supplier, no chemical residual and impurities are present in the material. however, they no test have been done.

OTHER MATERIAL NOTES: Substances names are UnDisclosed because they are proprietary. Some substances fall below the reportable threshold and are not reported in the content inventory.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:52**

%: **25.0000 - 35.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:55**

%: **25.0000 - 35.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:56**

%: **20.0000 - 25.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:11**

%: **5.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:11**

%: **5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:12**

%: **4.0000 - 8.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:14**

%: **2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:14			
%: 2.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:16			
%: 1.5000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:22			
%: 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:24			
%: 0.5000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	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 - inhaled from occupational sources

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:32		
%: 0.2000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:36		
%: 0.1000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

LACQUER (FINISH MATT)

%: **0.2300**

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: According to the supplier and based on their technical/scientific knowledge as well as information from their suppliers, no chemical residual and impurities are present in the material. however, they no test have been done.		
OTHER MATERIAL NOTES: Substances names are UnDisclosed because they are proprietary. Some substances fall below the reportable thershold and are not reported in the content inventory.		

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:57:53		
%: 25.0000 - 35.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:57:55		
%: 25.0000 - 35.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Monomer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:08		
%: 5.0000 - 15.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:08		
%: 5.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:12**
 %: **3.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:13**
 %: **2.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:19**
 %: **1.0000 - 10.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:21**

%: 1.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]		
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:21**

%: 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Photoinitiator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:19**

%: 1.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:26**

%: 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:26**

%: 0.5000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:27		
%: 0.5000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:29		
%: 0.3000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:32		
%: 0.2000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:37		
%: 0.1000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: According to the supplier and based on their technical/scientific knowledge as well as information from their suppliers, no chemical residual and impurities are present in the material. however, they no test have been done.

OTHER MATERIAL NOTES: The composition of this product is confidential because it is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:49**%: **88.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:59**%: **10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 7:16:43**%: **0.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:27**%: **0.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
RES	EU - GHS (H-Statements) Annex 6 Table 3-1	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:31
%: 0.2500	GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Antimicrobial Pesticide

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:35
%: 0.1500 - 0.2500	GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Stabilizer

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:35
%: 0.1500 - 0.2500	GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Stabilizer

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-25 8:58:36

%: 0.1300 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Stabilizer

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

LACQUER (TOP LAYER #1) %: 0.2000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: According to the supplier and based on their technical/scientific knowledge as well as information from their suppliers, no chemical residual and impurities are present in the material. however, they no test have been done.

OTHER MATERIAL NOTES: Substances names is UnDisclosed because they are proprietary. Some substances fall below the reportable thershold, and are not reported in the content inventory.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-25 8:58:02

%: 10.0000 - 20.0000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-25 8:58:00

%: 10.0000 - 20.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-25 8:58:03

%: 10.0000 - 20.0000 GS: LT-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **UnDisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:03		
%: 10.0000 - 20.0000	GS: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **UnDisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:09		
%: 5.0000 - 10.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]		
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:11**%: **5.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:15**%: **2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 10:05:17**%: **1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 10:07:43**%: **1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:18**%: **1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2021-09-03 10:27:25			
%: 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Photoinitiator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:25			
%: 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:29			
%: 0.3000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-25 8:58:30			
%: 0.3000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Antimicrobial Pesticide

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:30**%: **0.3000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:33**%: **0.2000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
GEN	GHS - Australia	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:38**%: **0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

LACQUER (TOP LAYER #2)%: **0.2000**PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: According to the supplier and based on their technical/scientific knowledge as well as information from their suppliers, no chemical residual and impurities are present in the material however, they no test have been done.

OTHER MATERIAL NOTES: Substances names is UnDisclosed because they are proprietary. Some substances fall below the reportable thershold, and are not reported in the content inventory.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:54**

%: **25.0000 - 35.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:58**

%: **15.0000 - 25.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:00**

%: **10.0000 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:05**

%: **5.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 10:49:17**

%: **5.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 10:50:34**

%: **5.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	IARC	Group 2b - Possibly carcinogenic to humans

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:15**

%: **1.5000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
GEN	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
GEN	EU - Annex VI CMRs	Mutagen - Category 1B
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
GEN	GHS - Australia	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:28		
%: 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:33		
%: 0.2000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: According to the supplier and based on their technical/scientific knowledge as well as information from their suppliers, no chemical residual and impurities are present in the material. however, they no test have been done.

OTHER MATERIAL NOTES: Substances names is UnDisclosed because they are proprietary.
Some substances fall below the reportable thershold, and are not reported in the content inventory.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:57**%: **20.0000 - 30.0000**GS: **BM-3dg**RC: **None**NANO: **No**SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:02**%: **10.0000 - 15.0000**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:01**%: **10.0000 - 20.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **UnDisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:09		
%: 5.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Monomer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **UnDisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-09-03 11:02:53		
%: 5.0000 - 10.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **UnDisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-09-03 11:04:21		
%: 5.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Photoinitiator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **UnDisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:13		
%: 2.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:20		
%: 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:18		
%: 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:22		
%: 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Photoinitiator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]		
SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:28		
%: 0.5000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:34**

%: **0.2000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:34**

%: **0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-05-21 10:46:12**

%: **0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antimicrobial Pesticide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

LAGUER (BOTTOM LAYER #2)

%: **0.1000**

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: According to the supplier and based on their technical/scientific knowledge as well as information from their suppliers, no chemical residual and impurities are present in the material. however, they no test have been done.

OTHER MATERIAL NOTES: Substances names is UnDisclosed because they are proprietary. Some substances fall below the reportable thershold, and are not reported in the content inventory.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:54**

%: **25.0000 - 35.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:53**

%: **25.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:57:58**

%: **15.0000 - 25.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:01**

%: **10.0000 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 12:10:07**

%: **5.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:10**

%: **5.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may vary as the exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-03 12:15:55**

%: **5.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	IARC	Group 2b - Possibly carcinogenic to humans

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:20**

%: **1.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Desiccant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
GEN	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
GEN	EU - Annex VI CMRs	Mutagen - Category 1B
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
GEN	GHS - Australia	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-09-03 12:19:29		
%: 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-25 8:58:31		
%: 0.2000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Desiccant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-03-25 8:58:31**

#: **0.2000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antimicrobial Pesticide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: Substance name is UnDisclosed because it is proprietary. Weight percentage may not vary as this is an average percentage. The exact ratio is proprietary.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Not applicable		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: TAFISA Canada inc. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2021-05-18	EXPIRY DATE:	CERTIFIER OR LAB: N/A
MULTI-ATTRIBUTE	Multi-attribute: CPA 4-19 Eco-Certified Composites (ECC)		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: TAFISA Canada inc. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2019-01-02	EXPIRY DATE:	CERTIFIER OR LAB: Composite Panel Association
FORMALDEHYDE EMISSIONS	Substrate meet EPA TSCA Title VI (40 CFR 770), CAN/CSA-0160-16, ANSI A208.1 California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Fulfills The Requirements Of: Substrate meet EPA TSCA Title VI (40 CFR 770), CAN/CSA-0160-16, ANSI A208.1, California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.	ISSUE DATE: 2019-06-19	EXPIRY DATE:	CERTIFIER OR LAB: Composite Panel Association
FORMALDEHYDE EMISSIONS	Substrate meet CARB Composite Wood ATCM CA 93120 Ultra Low-Emitting Formaldehyde (ULEF).		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Fulfills The Requirements Of: Substrate meet CARB Composite Wood ATCM CA 93120 Ultra Low-Emitting Formaldehyde (ULEF).	ISSUE DATE: 2021-09-09	EXPIRY DATE: 2022-05-07	CERTIFIER OR LAB: Composite Panel Association
SUSTAINABLE FORESTRY	FSC Certification - Single Chain of Custody and Controlled Wood.		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Certificate registration code NC-COC-003089, NC-CW-003089 FSC® licence code : FSC-C006416.	ISSUE DATE: 2016-07-28	EXPIRY DATE: 2022-07-27	CERTIFIER OR LAB: Preferred by Nature
MANAGEMENT	ISO 14001 Environmental management systems.		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 55149-1-02.	ISSUE DATE: 2021-06-17	EXPIRY DATE: 2024-06-21	CERTIFIER OR LAB: Bureau de Normalisation du Québec
MANAGEMENT	ISO 9001 Quality management systems.		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Tafisa Canada inc. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 55148-1-02	ISSUE DATE: 2021-06-14	EXPIRY DATE: 2024-06-21	CERTIFIER OR LAB: Bureau de Normalisation du Québec
MANAGEMENT	ISO 45001 SST Management Systems.		

CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 55150-1-02.

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

Tafisa® LUMMIA can be specified in a wide variety of dimensions for efficient processing by furniture and millworker companies alike. Tafisa® Lummia is made using superior coating technology, LUMMIA is available in two long-lasting finishes: High Gloss and Perfect Matt. Tafisa® offers two types of decorative panels: Tafipan EPA TSCA Title VI compliant and Tafipan-EVOLO: EPA TSCA Title VI compliant and CARB ULEF (Ultra Low Emitting Formaldehyde) certified.

MANUFACTURER INFORMATION

MANUFACTURER: **Tafisa Canada inc.**
 ADDRESS: **4660, Villeneuve Street**
Lac-Mégantic Quebec G6B2C3, Canada
 WEBSITE: **https://tafisa.ca/en**

CONTACT NAME: **Jonathan Lamarre**
 TITLE: **Environmental Engineer**
 PHONE: **819-583-2930 # 319**
 EMAIL: **jlamarre@tafisa.ca**

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-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

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 for compliance with the HPD standard noted.