

CLASSIFICATION: 09 64 29

PRODUCT DESCRIPTION: Prefinished solid hardwood flooring. Wood species used as baseline scenario for this product is Maple. Both natural and stained flooring have been considered in the scope of this HPD: Industry standard aluminium oxide with stain, Industry standard aluminium oxide without stain, Titanium finish system with stain and Titanium finish system without stain. The optional layer of Pure Genius has been considered. Pure Genius is a light-activated, air-purifying agent made of titanium dioxide, which is integrated into Lauzon's Titanium floor finish.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

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

Residuals/Impurities

Residuals/Impurities
Considered in 6 of 6 Materials

Explanation(s) provided
for Residuals/Impurities?
 Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances except SC substances characterized according to SC guidance.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified Yes Ex/SC Yes No

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

CONTENT IN DESCENDING ORDER OF QUANTITY

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

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

SC: BIO: HARDWOOD [**SC: WOOD** Not Screened] **FINISH: SYSTEM #1** [**WATER** **BM-4** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **NoGS** **UNDISCLOSED** **LT-P1** | **MUL** **UNDISCLOSED** **LT-P1** | **DEL** | **END** | **REP** **GLYCEROL PROPOXYLATE TRIACRYLATE** **LT-UNK** **2-[[[3-HYDROXY-2,2-BIS[[[(1-OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[(1-OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE** **LT-P1** | **MUL** **UNDISCLOSED** **LT-UNK** **ACETIC ACID 30%** **LT-UNK** | **RES** | **SKI** **UNDISCLOSED** **LT-P1** | **MUL** **DIPROPYLENE GLYCOL MONOMETHYL ETHER** **LT-UNK** **ALCOHOLS, C16-18 AND C18-UNSATD., ETHOXYLATED (>=10-<15 EO)** **LT-UNK** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **BM-2** | **SKI** | **EYE** **UNDISCLOSED** **LT-1** | **RES** | **MUL** | **CAN** | **GEN** **UNDISCLOSED** **LT-UNK** | **RES** | **SKI** **UNDISCLOSED** **LT-P1** | **END** **UNDISCLOSED** **LT-1** | **DEL** | **REP** | **SKI** | **EYE** | **MUL** | **END** **BUTOXYPROPANOL** **LT-UNK** | **SKI** | **EYE** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-P1** | **AQU** | **SKI** | **EYE** | **MUL** **UNDISCLOSED** **NoGS** **PENTAERYTHRITOL TETRAACRYLATE** **LT-UNK** | **SKI** | **EYE** **PENTAERYTHRITOL TRIACRYLATE** **LT-UNK** | **SKI** | **EYE** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-P1** | **CAN** **2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE)** **LT-P1** | **MUL** **1-HEXADECANAMINIUM, N,N,N-TRIMETHYL-, CHLORIDE** **LT-P1** | **MUL** | **RES** **UNDISCLOSED** **BM-2** | **RES** **PROPYLENE GLYCOL** **BM-2** | **END** **UNDISCLOSED** **LT-UNK** | **SKI** **UNDISCLOSED** **LT-UNK** | **MAM** | **SKI** **UNDISCLOSED** **LT-1** | **AQU** | **DEL** | **MUL**

Number of Greenscreen BM-4/BM3 contents ... 5

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: BiologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

Ingredients have been reported with a Nested Material Method. The disclosure threshold is 1,000 ppm for the product. Residuals and impurities have been addressed in the appropriate sections. Multiple finish systems are available for Lauzon Flooring's products and 4 alternatives (most representative) have been presented in this HPD. As a result, ranges are introduced due to the integration of multiple suppliers and variations among ingredients per layers in the different finish systems. Lauzon Flooring's products contain special condition materials (biological, reaction products). Some guidelines for reporting Special Conditions materials are still under development by HPDC, therefore the manufacturer will update the HPD accordingly once these guidelines get published.

[REP ACRYLIC ACID LT-P1 | AQU | SKI | MUL 2-(ACRYLOYLOXY)ETHANOL LT-P1 | AQU | MAM | SKI | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES | CAN | SKI | EYE UNDISCLOSED LT-1 | EYE | CAN UNDISCLOSED LT-UNK | PHY | SKI UNDISCLOSED BM-1tp | END | MUL | REP | AQU | DEL UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL CARBON BLACK LT-1 | CAN ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) BM-2 | SKI | EYE | END C.I. PIGMENT RED 120 LT-UNK SILICA GEL LT-UNK ETHYLENE GLYCOL BM-1 | DEL | END 1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNEEDIOL LT-UNK UNDISCLOSED NoGS TITANIUM DIOXIDE LT-1 | CAN | END TALC BM-1 | CAN UNDISCLOSED LT-P1 | REP | MUL UNDISCLOSED LT-P1 | SKI | EYE | MUL UNDISCLOSED LT-P1 | AQU | SKI | EYE | MUL] FINISH: SYSTEM #2 [UNDISCLOSED LT-P1 | MUL WATER BM-4 UNDISCLOSED LT-UNK GLYCEROL PROPOXYLATE TRIACRYLATE LT-UNK 2-[[[3-HYDROXY-2,2-BIS[[[1-OXOALLYL]OXY]METHYL]PROPOXY]METHYL]-2-[[[1-OXOALLYL]OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE LT-P1 | MUL UNDISCLOSED LT-1 | EYE | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL L2 PROPRIETARY INGREDIENT P LT-UNK UNDISCLOSED NoGS UNDISCLOSED NoGS UNDISCLOSED LT-UNK UNDISCLOSED NoGS TALC BM-1 | CAN PENTAERYTHRITOL TETRAACRYLATE LT-UNK | SKI | EYE PENTAERYTHRITOL TRIACRYLATE LT-UNK | SKI | EYE UNDISCLOSED LT-P1 | CAN UNDISCLOSED LT-P1 | AQU | SKI | EYE | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | SKI | EYE | MUL UNDISCLOSED LT-UNK | RES | CAN | SKI | EYE ACRYLIC ACID LT-P1 | AQU | SKI | MUL 2-(ACRYLOYLOXY)ETHANOL LT-P1 | AQU | MAM | SKI | MUL UNDISCLOSED LT-P1 | REP | MUL] FINISH: SYSTEM #3 [WATER BM-4 UNDISCLOSED LT-UNK UNDISCLOSED NoGS UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-P1 | DEL | END | REP UNDISCLOSED LT-P1 | MUL | SKI GLYCEROL PROPOXYLATE TRIACRYLATE LT-UNK ACETIC ACID 30% LT-UNK | RES | SKI UNDISCLOSED LT-P1 | MUL DIPROPYLENE GLYCOL MONOMETHYL ETHER LT-UNK ALCOHOLS, C16-18 AND C18-UNSATD., ETHOXYLATED (>=10-<15 EO) LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED BM-2 | SKI | EYE UNDISCLOSED LT-1 | RES | MUL | CAN | GEN UNDISCLOSED LT-UNK | RES | SKI UNDISCLOSED LT-P1 | END UNDISCLOSED LT-1 | DEL | REP | SKI | EYE | MUL | END BUTOXYPROPANOL LT-UNK | SKI | EYE UNDISCLOSED LT-UNK ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) BM-2 | SKI | EYE | END UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | AQU | SKI | EYE | MUL UNDISCLOSED NoGS UNDISCLOSED LT-P1 | CAN 2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE) LT-P1 | MUL 1-HEXADECANAMINIUM, N,N,N-TRIMETHYL-, CHLORIDE LT-P1 | RES | MUL UNDISCLOSED BM-2 | RES UNDISCLOSED LT-UNK | SKI PROPYLENE GLYCOL BM-2 | END UNDISCLOSED LT-UNK | MAM | SKI UNDISCLOSED LT-1 | AQU | DEL | MUL | REP ACRYLIC ACID LT-P1 | AQU | SKI | MUL 2-(ACRYLOYLOXY)ETHANOL LT-P1 | AQU | MAM | SKI | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES | CAN | SKI | EYE UNDISCLOSED LT-1 | EYE | CAN UNDISCLOSED LT-UNK | PHY | SKI UNDISCLOSED BM-1tp | END | MUL | REP | AQU | DEL TALC BM-1 | CAN UNDISCLOSED LT-P1 | REP | MUL UNDISCLOSED LT-P1 | SKI | EYE | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL CARBON BLACK LT-1 | CAN C.I. PIGMENT RED 120 LT-UNK SILICA GEL LT-UNK ETHYLENE GLYCOL BM-1 | DEL | END 1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNEEDIOL LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED LT-P1 | AQU | SKI | EYE | MUL] FINISH: SYSTEM #4 [UNDISCLOSED LT-P1 | MUL WATER BM-4 UNDISCLOSED LT-P1 | SKI | EYE | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | EYE | CAN UNDISCLOSED LT-P1 | MUL | SKI UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-UNK UNDISCLOSED NoGS UNDISCLOSED NoGS UNDISCLOSED NoGS TALC BM-1 | CAN UNDISCLOSED LT-P1 | CAN UNDISCLOSED LT-P1 | AQU | SKI | EYE | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES | CAN | SKI | EYE UNDISCLOSED LT-P1 | AQU | SKI | MUL UNDISCLOSED LT-P1 | AQU | MAM | SKI | MUL UNDISCLOSED LT-P1 | REP] AIR-PURIFYING LAYER [WATER BM-4]

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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario
Sustainable forestry: FSC
LCA: Environmental Product Declaration (ISO 14025:2006)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: **Vertima**
VERIFIER:
VERIFICATION #:

SCREENING DATE: **2019-09-04**
PUBLISHED DATE: **2019-09-06**
EXPIRY DATE: **2022-09-04**



Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

SC: BIO: HARDWOOD

#: 99.40

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Hardwood: virgin wood should not have any impurity.

OTHER MATERIAL NOTES: SpecialConditionApplied: BiologicalMaterial --- Hardwood plank

SC: WOOD

ID: SC: Bio

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

#: Impurity/Residual	GS: Not Screened	RC: None	NANO: No	ROLE: Impurity/Residual
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HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: Acer spp

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.

Alternate wood species:

Prunus - Cherry tree

Acer spp - maple

Prunus avium - cherrywood

Myroxylon balsamum - Santos Mahogany

Eugenia uniflora - Brazilian Cherry tree

Quercus alba - White oak

Fraxinus - Ash

Carya- Hickory

Juglans nigra - black walnut

Sapele - Sapeli

Astronium spp - Tigerwood

FINISH: SYSTEM #1

#: 0.00 - 0.60

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities present in this finish above the disclosure threshold according to suppliers.

OTHER MATERIAL NOTES: Industry standard aluminium oxide finish system with stain.

The industry standard aluminium oxide finish is a polyurethane varnish with aluminum oxide filler.

Alternative finish system. Composition protected in part by NDAs signed with suppliers. Some substances are not disclosed to protect the industrial property of Lauzon Floor's suppliers.

The substances are presented at intervals because they come from different possible combinations of suppliers and layers in the system: stains, sealants and varnishes.

Contains nanoparticles: aluminium oxide.

WATER

ID: 7732-18-5

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

HAZARD SCREENING DATE: **2019-09-04**

#: **3.78 - 22.73**

GS: **BM-4**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.81 - 2.43**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.74 - 8.10**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Oligomer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.72 - 2.17**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Resin**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.59 - 1.77** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: See Other material notes.

GLYCEROL PROPOXYLATE TRIACRYLATE

ID: **52408-84-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.42 - 1.27** GS: **LT-UNK** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

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

SUBSTANCE NOTES: See Other material notes.

2-[[[3-HYDROXY-2,2-BIS[[[1-(OXOALLYL)OXY]METHYL]PROPOXY]METHYL]-2-[[[1-(OXOALLYL)OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE

ID: **60506-81-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.42 - 2.53** GS: **LT-P1** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.42 - 1.27**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Photo-initiator**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****ACETIC ACID 30%**ID: **64-19-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.37 - 1.20**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: **See Other material notes..****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.34 - 1.01**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **See Other material notes.****DIPROPYLENE GLYCOL MONOMETHYL ETHER**ID: **34590-94-8**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.27 - 0.87**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.25 - 0.76**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.25 - 1.06**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.25 - 11.39**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.20 - 2.28**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

SUBSTANCE NOTES: **See Other material notes.**

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.18 - 0.55**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY**AOEC - Asthmagens****Asthmagen (G) - generally accepted****MULTIPLE****German FEA - Substances Hazardous to Waters****Class 2 - Hazard to Waters****CANCER****MAK****Carcinogen Group 2 - Considered to be carcinogenic for man****RESPIRATORY****MAK****Sensitizing Substance Sah - Danger of airway & skin sensitization****GENE MUTATION****MAK****Germ Cell Mutagen 3a**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.17 - 0.51**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **PH adjuster**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY**AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced****SKIN IRRITATION****EU - GHS (H-Statements)****H314 - Causes severe skin burns and eye damage**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.15 - 3.75**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**

%: **0.15 - 1.09**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H360D - May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REPRODUCTIVE	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
DEVELOPMENTAL	GHS - Australia	H360D - May damage the unborn child

SUBSTANCE NOTES: See Other material notes.

BUTOXYPROPANOL

ID: **5131-66-8**

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

HAZARD SCREENING DATE: **2019-09-04**

%: **0.13 - 0.41**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

%: **0.12 - 0.51**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.08 - 12.70**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.08 - 0.41**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****PENTAERYTHRITOL TETRAACRYLATE**ID: **4986-89-4**%: **0.08 - 1.27**GS: **LT-UNK**RC: **UNK**NANO: **Unknown**ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: See Other material notes.

PENTAERYTHRITOL TRIACRYLATE

ID: 3524-68-3

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.08 - 0.25** GS: **LT-UNK** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.08 - 2.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Resin**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.05 - 1.27** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: See Other material notes.

2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE)

ID: 5567-15-7

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.05 - 8.86** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigment**

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

SUBSTANCE NOTES: See Other material notes.

1-HEXADECANAMINIUM, N,N,N-TRIMETHYL-, CHLORIDE

ID: 112-02-7

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.05 - 0.14** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Emulsion agent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.04 - 0.15** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Pigment**

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

SUBSTANCE NOTES: See Other material notes.

PROPYLENE GLYCOL

ID: 57-55-6

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.03 - 3.80** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Solvent**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.03 - 0.43	GS: LT-UNK	RC: None	NANO: No	ROLE: Catalyst

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.03 - 0.08	GS: LT-UNK	RC: None	NANO: No	ROLE: Reactant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.03 - 0.68	GS: LT-1	RC: None	NANO: No	ROLE: Catalyst

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
DEVELOPMENTAL	EU - GHS (H-Statements)	H360D - May damage the unborn child
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REPRODUCTIVE	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]

SUBSTANCE NOTES: See Other material notes.

ACRYLIC ACID

ID: 79-10-7

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.03 - 0.08**

GS: **LT-P1**

RC: **UNK**

NANO: **Unknown**

ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

2-(ACRYLOYLOXY)ETHANOL

ID: 818-61-1

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.03 - 0.08**

GS: **LT-P1**

RC: **UNK**

NANO: **Unknown**

ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.03 - 0.45**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Photo-initiator**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.03 - 0.17**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.03 - 1.82**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.02 - 0.16**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **PH adjuster**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.02 - 0.06**GS: **BM-1tp**RC: **None**NANO: **No**ROLE: **Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Chemical for Priority Action
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
CHRON AQUATIC	US EPA - PPT Chemical Action Plans	Highly toxic to aquatic organisms
DEVELOPMENTAL	US EPA - PPT Chemical Action Plans	Developmental Effects

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.02 - 1.14**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Polymer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.02 - 17.71**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Reactant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

CARBON BLACK

ID: **1333-86-4**

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.02 - 7.59**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: See Other material notes.

ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE)

ID: **111-76-2**

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.02 - 0.32** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other material notes.

C.I. PIGMENT RED 120

ID: 2786-76-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.02 - 8.86** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigment**

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

SUBSTANCE NOTES: See Other material notes.

SILICA GEL

ID: 112926-00-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.05** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

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

SUBSTANCE NOTES: See Other material notes.

ETHYLENE GLYCOL

ID: 107-21-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.04** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other material notes.

1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNEEDIOL

ID: 126-86-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.01 - 0.04**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.01 - 0.58**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Polymer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.01 - 15.18**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

CANCER

MAK

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

SUBSTANCE NOTES: **See Other material notes.****TALC**

ID: 14807-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.01 - 3.33**GS: **BM-1**RC: **None**NANO: **No**ROLE: **Ingredient**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 1.01** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Photo-initiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
REPRODUCTIVE	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 6.01** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.00 - 0.01** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

FINISH: SYSTEM #2

#: 0.00 - 0.60

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities present in this finish above the disclosure threshold according to suppliers.

OTHER MATERIAL NOTES: Industry standard aluminium oxide finish system without stain.

The industry standard aluminium oxide finish is a polyurethane varnish with aluminum oxide filler.

Alternative finish system. Composition protected in part by NDAs signed with suppliers. Some substances are not disclosed to protect the industrial property of Lauzon Floor's suppliers.

The substances are presented at intervals because they come from different possible combinations of suppliers and layers in the system: sealants and varnishes.

Contains nanoparticles: aluminium oxide.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

#: 3.99 - 15.03

GS: LT-P1

RC: None

NANO: No

ROLE: Resin

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

SUBSTANCE NOTES: See Other material notes.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

#: 1.25 - 4.69

GS: BM-4

RC: None

NANO: No

ROLE: Solvent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: See Other material notes.		

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.66 - 14.22	GS: LT-UNK	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: See Other material notes.				

GLYCEROL PROPOXYLATE TRIACRYLATE

ID: **52408-84-1**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.58 - 2.19	GS: LT-UNK	RC: UNK	NANO: Unknown	ROLE: Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: See Other material notes.				

2-[[[3-HYDROXY-2,2-BIS[[[1-OXOALLYL]OXY]METHYL]PROPOXY]METHYL]-2-[[[1-OXOALLYL]OXY]METHYL]-1,3-PROPANEDIYL DIACRYLATE

ID: **60506-81-2**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.42 - 3.16	GS: LT-P1	RC: UNK	NANO: Unknown	ROLE: Ingredient
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: See Other material notes.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.42 - 1.90	GS: LT-1	RC: None	NANO: No	ROLE: Solvent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.37 - 1.86**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Resin**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.25 - 0.95**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Photo-initiator**

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

SUBSTANCE NOTES: See Other material notes.

L2 PROPRIETARY INGREDIENT P

ID: **947-19-3**

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.25 - 0.95**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Photo-initiator**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

%: **0.15 - 0.73**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.13 - 0.47**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.12 - 2.50**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.10 - 0.36**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **See Other material notes.****TALC**ID: **14807-96-6**%: **0.08 - 4.16**GS: **BM-1**RC: **None**NANO: **No**ROLE: **Ingredient**

Solid hardwood flooring

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

SUBSTANCE NOTES: See Other material notes.

PENTAERYTHRITOL TETRAACRYLATE

ID: 4986-89-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

#: 0.08 - 1.58 GS: LT-UNK RC: UNK NANO: Unknown ROLE: Ingredient

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: See Other material notes.

PENTAERYTHRITOL TRIACRYLATE

ID: 3524-68-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

#: 0.08 - 1.58 GS: LT-UNK RC: UNK NANO: Unknown ROLE: ingredient

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

#: 0.08 - 1.90 GS: LT-P1 RC: None NANO: No ROLE: Resin

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.08 - 10.47	GS: LT-P1	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.08 - 0.53	GS: LT-UNK	RC: None	NANO: No	ROLE: Photo-initiator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.08 - 10.86	GS: LT-P1	RC: None	NANO: No	ROLE: Resin

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.05 - 0.30** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

ACRYLIC ACID

ID: **79-10-7**

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.15** GS: **LT-P1** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.01 - 0.15** GS: **LT-P1** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.01 - 0.53** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Photo-initiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
REPRODUCTIVE	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **See Other material notes.****FINISH: SYSTEM #3**%: **0.00 - 0.60**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **No residuals or impurities present in this finish above the disclosure threshold according to suppliers.**OTHER MATERIAL NOTES: **Titanium finish system with stain.**

Titanium is a high-performance polyurethane varnish that is more resistant to abrasion thanks to its titanium oxide filler. Alternative finish system. Composition protected in part by NDAs signed with suppliers. Some substances are not disclosed to protect the industrial property of Lauzon Floor's suppliers.

The substances are presented at intervals because they come from different possible combinations of suppliers and layers in the system: stains, sealants and varnishes.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **3.33 - 19.85**GS: **BM-4**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.71 - 2.12**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.65 - 7.07**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Oligomer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.63 - 1.90**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE**German FEA - Substances Hazardous to Waters****Class 2 - Hazard to Waters**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**

#: **0.52 - 1.55** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

DEVELOPMENTAL

EU - GHS (H-Statements)

H361d - Suspected of damaging the unborn child

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

REPRODUCTIVE

GHS - Japan

Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**

#: **0.37 - 1.11** GS: **LT-P1** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **See Other material notes.****GLYCEROL PROPOXYLATE TRIACRYLATE**ID: **52408-84-1**

#: **0.37 - 1.11** GS: **LT-UNK** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****ACETIC ACID 30%**ID: **64-19-7**

#: **0.33 - 1.05** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.30 - 0.88**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

DIPROPYLENE GLYCOL MONOMETHYL ETHER

ID: **34590-94-8**

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.24 - 0.76**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

ALCOHOLS, C16-18 AND C18-UNSATD., ETHOXYLATED (>=10-<15 EO)

ID: **68920-66-1**

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.22 - 0.66**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.22 - 0.92**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.22 - 9.95**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.18 - 1.99**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.16 - 0.48**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

GENE MUTATION

MAK

Germ Cell Mutagen 3a

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**

#: **0.15 - 0.44**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **PH adjuster**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: **See Other material notes.**

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.13 - 3.28**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **See Other material notes.**

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.13 - 0.95**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H360D - May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REPRODUCTIVE	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
DEVELOPMENTAL	GHS - Australia	H360D - May damage the unborn child

SUBSTANCE NOTES: See Other material notes.

BUTOXYPROPANOL

ID: 5131-66-8

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.11 - 0.36**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

%: **0.10 - 0.44**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE)**ID: **111-76-2**%: **0.08 - 0.28**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.07 - 1.75**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.07 - 0.66**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Photo-initiator**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**

#: **0.07 - 11.09** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **See Other material notes.**

UNDISCLOSED

#: **0.07 - 0.36** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Resin**

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

SUBSTANCE NOTES: **See Other material notes.**

UNDISCLOSED

#: **0.04 - 1.11** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: **See Other material notes.**

2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE)

ID: **5567-15-7**

#: **0.04 - 7.74** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigment**

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

SUBSTANCE NOTES: See Other material notes.

1-HEXADECANAMINIUM, N,N,N-TRIMETHYL-, CHLORIDE

ID: 112-02-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.04 - 0.12	GS: LT-P1	RC: None	NANO: No	ROLE: Emulsion agent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters		

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.04 - 0.13	GS: BM-2	RC: None	NANO: No	ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.03 - 0.38	GS: LT-UNK	RC: None	NANO: No	ROLE: Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		

SUBSTANCE NOTES: See Other material notes.

PROPYLENE GLYCOL

ID: 57-55-6

%: **0.03 - 3.32**GS: **BM-2**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.02 - 0.07**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Reactant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MAMMALIAN**EU - GHS (H-Statements)****H301 - Toxic if swallowed****MAMMALIAN****EU - GHS (H-Statements)****H311 - Toxic in contact with skin****SKIN IRRITATION****EU - GHS (H-Statements)****H314 - Causes severe skin burns and eye damage****SKIN SENSITIZE****EU - GHS (H-Statements)****H317 - May cause an allergic skin reaction****MAMMALIAN****EU - GHS (H-Statements)****H331 - Toxic if inhaled****SKIN SENSITIZE****MAK****Sensitizing Substance Sh - Danger of skin sensitization**SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**%: **0.02 - 0.60**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Catalyst**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ACUTE AQUATIC**EU - GHS (H-Statements)****H400 - Very toxic to aquatic life****CHRON AQUATIC****EU - GHS (H-Statements)****H410 - Very toxic to aquatic life with long lasting effects****DEVELOPMENTAL****EU - GHS (H-Statements)****H360D - May damage the unborn child****MULTIPLE****German FEA - Substances Hazardous to Waters****Class 2 - Hazard to Waters****REPRODUCTIVE****EU - Annex VI CMRs****Reproductive Toxicity - Category 1B****REPRODUCTIVE****GHS - Korea****Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]**SUBSTANCE NOTES: **See Other material notes.**

ACRYLIC ACID

ID: 79-10-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**

%: 0.02 - 0.07	GS: LT-P1	RC: UNK	NANO: Unknown	ROLE: Ingredient
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

2-(ACRYLOYLOXY)ETHANOL

ID: 818-61-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**

%: 0.02 - 0.07	GS: LT-P1	RC: UNK	NANO: Unknown	ROLE: Ingredient
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**

%: 0.02 - 0.39	GS: LT-UNK	RC: None	NANO: No	ROLE: Photo-initiator
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.02 - 0.15**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.02 - 1.59**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.02 - 0.14**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **PH adjuster**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: **See Other material notes.**

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**

%: 0.02 - 0.05	GS: BM-1tp	RC: None	NANO: No	ROLE: Additive
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Chemical for Priority Action
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
CHRON AQUATIC	US EPA - PPT Chemical Action Plans	Highly toxic to aquatic organisms
DEVELOPMENTAL	US EPA - PPT Chemical Action Plans	Developmental Effects

SUBSTANCE NOTES: See Other material notes.

TALCID: **14807-96-6**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**

%: 0.01 - 2.91	GS: BM-1	RC: None	NANO: No	ROLE: Ingredient
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**

%: 0.01 - 0.88	GS: LT-P1	RC: None	NANO: No	ROLE: Photo-initiator
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
REPRODUCTIVE	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 5.25**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.99**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Polymer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 15.47**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Reactant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

CARBON BLACK

ID: **1333-86-4**

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 6.63** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: See Other material notes.

C.I. PIGMENT RED 120

ID: 2786-76-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 7.74** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigment**

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

SUBSTANCE NOTES: See Other material notes.

SILICA GEL

ID: 112926-00-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.05** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

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

SUBSTANCE NOTES: See Other material notes.

ETHYLENE GLYCOL

ID: 107-21-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.03** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: See Other material notes.

1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNEEDIOL

ID: 126-86-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

?: 0.01 - 0.03

GS: LT-UNK

RC: None

NANO: No

ROLE: Solvent

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

SUBSTANCE NOTES: See Other material notes.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

?: 0.01 - 13.26

GS: LT-1

RC: None

NANO: No

ROLE: Pigment

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

?: 0.00 - 0.01

GS: LT-P1

RC: None

NANO: No

ROLE: Additive

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

FINISH: SYSTEM #4

#: 0.00 - 0.60

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities present in this finish above the disclosure threshold according to suppliers.

OTHER MATERIAL NOTES: Titanium finish system without stain.

Titanium is a high-performance polyurethane varnish that is more resistant to abrasion thanks to its titanium oxide filler. Alternative finish system. Composition protected in part by NDAs signed with suppliers. Some substances are not disclosed to protect the industrial property of Lauzon Floor's suppliers.

The substances are presented at intervals because they come from different possible combinations of suppliers and layers in the system: sealants and varnishes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

#: 3.52 - 15.03

GS: LT-P1

RC: None

NANO: No

ROLE: Resin

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-04

#: 1.10 - 4.69

GS: BM-4

RC: None

NANO: No

ROLE: Solvent

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.74 - 10.86	GS: LT-P1	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.59 - 2.50	GS: LT-UNK	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.58 - 14.22	GS: LT-UNK	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.44 - 1.86**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Resin**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.37 - 1.58**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.37 - 1.58**GS: **LT-P1**RC: **UNK**NANO: **Unknown**ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **See Other material notes.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-09-04**%: **0.22 - 0.95**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Photo-initiator**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.22 - 0.95	GS: LT-UNK	RC: None	NANO: No	ROLE: Photo-initiator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.17 - 0.73	GS: NoGS	RC: None	NANO: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.11 - 0.47	GS: NoGS	RC: None	NANO: No	ROLE: Additive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-04		
%: 0.08 - 0.36	GS: NoGS	RC: None	NANO: No	ROLE: Additive

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

SUBSTANCE NOTES: See Other material notes.

TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-09-04			
%: 0.07 - 4.16	GS: BM-1	RC: None	NANO: No	ROLE: Ingredient

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-09-04			
%: 0.07 - 1.90	GS: LT-P1	RC: None	NANO: No	ROLE: Resin

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-09-04			
%: 0.07 - 10.47	GS: LT-P1	RC: None	NANO: No	ROLE: Resin

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.07 - 0.47**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Photo-initiator**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.07 - 0.32**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Polymer**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.07 - 0.32**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Reactant**

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

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.04 - 0.30** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Resin**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.15** GS: **LT-P1** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.15** GS: **LT-P1** RC: **UNK** NANO: **Unknown** ROLE: **Ingredient**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: See Other material notes.

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.01 - 0.32**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Photo-initiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
REPRODUCTIVE	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See Other material notes.

AIR-PURIFYING LAYER

#: **0.00 - 0.10**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **No residuals or impurities present in this finish above the disclosure threshold according to suppliers.**

OTHER MATERIAL NOTES: **OPTIONAL FINISH: PURE GENIUS technology -//- Principle: PURE GENIUS is a light-activated, air-purifying agent made of titanium dioxide integrated into Lauzon's floor finish. Activated by natural and artificial light, it breaks down toxic contaminants on contact (formaldehyde and other pollutants present indoors) and transforms them into harmless molecules. -//- Ingredients and hazards: The technology is added to Lauzon's flooring in two layers. Only the ingredients above the disclosure threshold have been added to the content inventory. Nanoparticles: contains TiO2.**

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

HAZARD SCREENING DATE: **2019-09-04**

#: **0.13 - 0.13**

GS: **BM-4**

RC: **None**

NANO: **No**

ROLE: **Solvent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **See Other material 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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **BERKELEY**

APPLICABLE FACILITIES: **Lauzon Distinctive Hardwood**

03-16

ANALYTICAL

Flooring: **Maniwaki and St-Norbert, QC Canada**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Lauzon Distinctive Hardwood Flooring** selected a sample representative of its solid wood flooring product and submitted it on 2/22/2019 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.2-2017. TVOC \leq 0.5 mg/m³ for both scenarios.

SUSTAINABLE FORESTRY

FSC

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE: **2023-**

CERTIFIER OR LAB: **SAI Global**

APPLICABLE FACILITIES: **All**

09-12

09-10

Certification Services Pty Ltd

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **complies with the requirements of Forest Stewardship Council® - Standard for Chain of Custody Certification Tracking of wood based material Product types: W11.5 Flooring Claim: FSC MIX System(s) used: Transfer Certificate Type: Multisite Standard(s) version: FSC-STD-40-003-v2-1; FSC-STD 40-004 V3-0; FSC-STD-50-001 V2-0**

LCA

Environmental Product Declaration (ISO 14025:2006)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2014-**

EXPIRY DATE:

CERTIFIER OR LAB:

APPLICABLE FACILITIES: **N/A**

08-01

2019-08-01

FPInnovations

CERTIFICATE URL:

<https://fpinnovations.ca/ResearchProgram/environment-sustainability/epd-program/Documents/epd-typical-eastern-canadian-pre-finished.pdf>

CERTIFICATION AND COMPLIANCE NOTES: **Industry-wide EPD: Typical Eastern Canadian Pre-finished Solid Strip Hardwood Flooring (2014) owned by the Quebec Wood Export Bureau.**

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

All of Lauzon Flooring's product documentation and certificates are available online at <https://lauzonflooring.com/literature/>



MANUFACTURER INFORMATION

MANUFACTURER: **Lauzon Flooring**
 ADDRESS: **2101 côte des Cascades**
Papineauville QC J0V 1R0, Canada
 WEBSITE: **lauzonflooring.com**

CONTACT NAME: **Priscilla Bergeron**
 TITLE: **Communications Manager**
 PHONE: **8194275144**
 EMAIL: **priscilla.bergeron@lauzonltd.com**

KEY

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

Hazard Types

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

GreenScreen (GS)

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

Recycled Types

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

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.