

HPD UNIQUE IDENTIFIER: 26408

CLASSIFICATION: 10 26 23 Protective Wall Covering

PRODUCT DESCRIPTION: Walls are one of the largest elements of your interiors. Give them a purpose and expand their longevity with Aspex® Printed Wall Protection. Your image, your branding, your statement - Aspex® gives you total design freedom while protecting walls from damage at the same time. With Aspex®, you get the high-impact durability of PETG wall protection to keep your walls safe from damage. Because your graphic is back-printed onto clear sheet, your image is vivid and won't get scratched over time. You select the image, we bring it to life! Use your own custom artwork, photography, or choose from one of our pre-designed patterns.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i>
<input checked="" type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	Considered in 12 of 12 Materials	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	Explanation(s) provided for Residuals/Impurities?	<i>% weight and role provided for all substances.</i>
Threshold Disclosed Per	<input checked="" type="radio"/> Per GHS SDS	<input checked="" type="radio"/> Yes <input type="radio"/> No	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Material	<input type="radio"/> Other		<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
<input type="radio"/> Product			Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No
			<i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

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

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

**CLEAR PETG WALL PROTECTION [PETG NoGS] SP RC FORTIFI
WHITE [TITANIUM DIOXIDE LT-1 | CAN | END 2-PYRROLIDINONE, 1-ETHENYL- LT-1 | CAN | EYE DIPROPYLENE GLYCOL DIACRYLATE LT-UNK UNDISCLOSED BM-1 UNDISCLOSED LT-UNK 2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER LT-P1 | MUL UNDISCLOSED NoGS 2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE LT-P1 | MUL | REP ISOBORNYL ACRYLATE LT-P1 | SKI | MUL UNDISCLOSED LT-UNK | SKI ALUMINUM HYDROXIDE, DRIED BM-2 UNDISCLOSED LT-UNK TOLUENE BM-1 | END | DEV | MUL | REP | SKI | PHY | MAM]
UNDISCLOSED [UNDISCLOSED NoGS ANTIMONY TRIPHENYL LT-P1 | AQU P-METHOXYPHENOL LT-P1 | SKI | EYE STANNOUS 2-ETHYLHEXANOATE BM-1 | MUL HYDROQUINONE BM-1 | END | SKI | MUL | CAN | MAM | GEN | AQU | EYE] UNDISCLOSED [UNDISCLOSED NoGS UNDISCLOSED LT-UNK ANTIMONY TRIPHENYL LT-P1 | AQU DIBUTYL TIN DILAURATE LT-1 | END | DEV | REP | MUL | CAN | MAM | GEN P-METHOXYPHENOL LT-P1 | SKI | EYE COCONUT ACID NoGS HYDROQUINONE BM-1 | END | SKI | MUL | CAN | MAM | GEN | AQU | EYE] UNDISCLOSED [UNDISCLOSED LT-UNK DIBUTYL TIN DILAURATE LT-1 | END | DEV | REP | MUL | CAN | MAM | GEN ANTIMONY TRIPHENYL LT-P1 | AQU P-METHOXYPHENOL LT-P1 | SKI | EYE COCONUT ACID NoGS HYDROQUINONE BM-1 | END | SKI | MUL | CAN | MAM | GEN | AQU | EYE] BLACK INK [2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)- LT-P1 | MUL | SKI | EYE 2-PROPENOIC ACID, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER NoGS POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-OMEGA-((1,1'-BIPHENYL)-2-YLOXY)- NoGS 2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER LT-P1 | MUL BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE LT-UNK | SKI DIPROPYLENE GLYCOL DIACRYLATE LT-UNK ISOBORNYL ACRYLATE LT-P1 | SKI | MUL 2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE LT-P1 | MUL | REP**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen

Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD covers all Aspex® products regardless of pattern, size, orientation, or color. All inks are listed below, but will be used in different proportions depending on the nature of a given image

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | MUL 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE ACRYLIC ACID LT-P1 | MUL | AQU | SKI CARBON BLACK BM-1 | CAN] MAGENTA INK [2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)- LT-P1 | MUL | SKI | EYE BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE LT-UNK | SKI ISOBORNYL ACRYLATE LT-P1 | SKI | MUL 2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE LT-P1 | MUL | REP POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | MUL DIPROPYLENE GLYCOL DIACRYLATE LT-UNK 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE ACRYLIC ACID LT-P1 | MUL | AQU | SKI] CYAN INK [2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)- LT-P1 | MUL | SKI | EYE 2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER, POLYMER WITH 2-AMINOETHANOL LT-UNK ISOBORNYL ACRYLATE LT-P1 | SKI | MUL BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE LT-UNK | SKI DIPROPYLENE GLYCOL DIACRYLATE LT-UNK 2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE LT-P1 | MUL | REP POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | MUL 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE 2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER LT-P1 | MUL UNDISCLOSED LT-P1 | MUL | AQU | SKI] LIGHT CYAN INK [POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-OMEGA-((1,1'-BIPHENYL)-2-YLOXY)- NoGS 2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)- LT-P1 | MUL | SKI | EYE BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE LT-UNK | SKI 2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE LT-P1 | MUL | REP ISOBORNYL ACRYLATE LT-P1 | SKI | MUL 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | MUL DIPROPYLENE GLYCOL DIACRYLATE LT-UNK UNDISCLOSED LT-P1 | MUL | AQU | SKI] LIGHT MAGENTA INK [POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-OMEGA-((1,1'-BIPHENYL)-2-YLOXY)- NoGS 2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)- LT-P1 | MUL | SKI | EYE BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE LT-UNK | SKI 2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE LT-P1 | MUL | REP 2-PROPENOIC ACID, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER NoGS ISOBORNYL ACRYLATE LT-P1 | SKI | MUL 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | MUL DIPROPYLENE GLYCOL DIACRYLATE LT-UNK UNDISCLOSED LT-P1 | MUL | AQU | SKI] WHITE INK [2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)- LT-P1 | MUL | SKI | EYE TITANIUM DIOXIDE LT-1 | CAN | END 2-PROPENOIC ACID, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER NoGS ISOBORNYL ACRYLATE LT-P1 | SKI | MUL BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE LT-UNK | SKI POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-OMEGA-((1,1'-BIPHENYL)-2-YLOXY)- NoGS ETHYL PHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINATE LT-P1 | MUL POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | MUL DIPROPYLENE GLYCOL DIACRYLATE LT-UNK 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE UNDISCLOSED LT-P1 | MUL | AQU | SKI] YELLOW INK [2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)- LT-P1 | MUL | SKI | EYE 2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER, POLYMER WITH 2-AMINOETHANOL LT-UNK BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE LT-UNK | SKI ISOBORNYL ACRYLATE LT-P1 | SKI | MUL 2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE LT-P1 | MUL | REP 2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER LT-P1 | MUL POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | MUL DIPROPYLENE GLYCOL DIACRYLATE LT-UNK 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE UNDISCLOSED LT-P1 | MUL | AQU | SKI C.I. PIGMENT YELLOW 12 LT-P1 | PBT]

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: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-08-17

PUBLISHED DATE: 2021-11-03

EXPIRY DATE: 2024-08-17

Section 2: Content in Descending Order of Quantity

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

CLEAR PETG WALL PROTECTION %: 90.0000 - 100.0000

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were not considered for this material

OTHER MATERIAL NOTES: Comes in 2 different finishes: glossy or matte

PETG

ID: 25640-14-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-09 6:00:51

%: 100.0000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES:

SP RC FORTIFI WHITE %: 9.9000 - 15.0000

MATERIAL THRESHOLD: Per GHS SDS RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: unknown

OTHER MATERIAL NOTES: proprietary

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-03 7:54:59

%: 25.0000 - 45.0000 GS: LT-1 RC: none NANO: No SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES: none

2-PYRROLIDINONE, 1-ETHENYL-

ID: 88-12-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**
 %: **6.0000 - 15.0000** GS: **LT-1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES: none

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**
 %: **5.0000 - 10.0000** GS: **LT-UNK** RC: **none** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

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

SUBSTANCE NOTES: none

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**
 %: **1.0000 - 7.0000** GS: **BM-1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Matting agent**

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

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-11-03 7:54:59		
#: 1.0000 - 3.0000	GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Initiator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: proprietary				

2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER

ID: **48145-04-6**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-11-03 7:54:59		
#: 0.5000 - 5.0000	GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: proprietary				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-11-03 7:54:59		
#: 0.5000 - 6.0000	GS: NoGS	RC: none	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: proprietary				

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE

ID: **75980-60-8**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-11-03 7:54:59		
#: 0.5000 - 2.0000	GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Initiator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]		
SUBSTANCE NOTES: none				

ISOBORNYL ACRYLATE

ID: 5888-33-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:59%: **0.5000 - 5.0000** GS: **LT-P1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: none

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:59%: **0.1000 - 1.5000** GS: **LT-UNK** RC: **none** NANO: **No** SUBSTANCE ROLE: **Initiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]

SUBSTANCE NOTES: proprietary

ALUMINUM HYDROXIDE, DRIEDID: **21645-51-2**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:59%: **0.1000 - 1.0000** GS: **BM-2** RC: **none** NANO: **No** SUBSTANCE ROLE: **Opacifier**

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

SUBSTANCE NOTES: none

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:59%: **0.1000 - 3.0000** GS: **LT-UNK** RC: **none** NANO: **No** SUBSTANCE ROLE: **Tensile strength additive**

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

SUBSTANCE NOTES: proprietary

TOLUENEID: **108-88-3**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:59%: **Impurity/Residual** GS: **BM-1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEV	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
DEV	CA EPA - Prop 65	Developmental toxicity
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	CA EPA - Prop 65	Reproductive Toxicity - Female
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1A]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
DEV	EU - GHS (H-Statements) Annex 6 Table 3-1	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]

UNDISCLOSED

#: 0.5000 - 2.2500

MATERIAL THRESHOLD: Per GHS SDS RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Polymeric Material

SUBSTANCE NOTES: none

RESIDUALS AND IMPURITIES NOTES: na

OTHER MATERIAL NOTES: na

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:58**

#: **99.8700 - 99.8700** GS: **NoGS** RC: **none** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES: CAS# is confidential company information

ANTIMONY TRIPHENYL

ID: **603-36-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:58**

#: **0.1000 - 0.1000** GS: **LT-P1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]

SUBSTANCE NOTES: none

P-METHOXYPHENOL

ID: **150-76-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:58**

#: **0.0200 - 0.0200** GS: **LT-P1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SUBSTANCE NOTES: none		

STANNOUS 2-ETHYLHEXANOATE

ID: 301-10-0

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-03 7:54:58		
%: Impurity/Residual	GS: BM-1	RC: none NANO: No SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SUBSTANCE NOTES: none		

HYDROQUINONE

ID: 123-31-9

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-03 7:54:58		
%: Impurity/Residual	GS: BM-1	RC: none NANO: No SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
GEN	MAK	Germ Cell Mutagen 3a
GEN	GHS - Japan	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1B]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]

UNDISCLOSED

%: 0.1000 - 1.0500

MATERIAL THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: na

OTHER MATERIAL NOTES: na

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:58**%: **84.7600 - 84.7600**GS: **NoGS**RC: **none**NANO: **No**SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS# is confidential company information

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**%: **15.0000 - 15.0000**GS: **LT-UNK**RC: **none**NANO: **No**SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS# is confidential company information

ANTIMONY TRIPHENYLID: **603-36-1**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**%: **0.1000 - 0.1000**GS: **LT-P1**RC: **none**NANO: **No**SUBSTANCE ROLE: **Heat or UV stabilizer**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

AQU

EU - GHS (H-Statements) Annex 6 Table 3-1

H411 - Toxic to aquatic life with long lasting effects
[Hazardous to the aquatic environment (chronic) -
Category 2]

SUBSTANCE NOTES: none

DIBUTYLTIN DILAURATEID: **77-58-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**%: **Impurity/Residual**GS: **LT-1**RC: **none**NANO: **No**SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
END	ChemSec - SIN List	Endocrine Disruption
DEV	MAK	Pregnancy Risk Group B
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
REP	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
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]

SUBSTANCE NOTES: residual catalyst

P-METHOXYPHENOL

ID: 150-76-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:58

#: 0.0400 - 0.0400 GS: LT-P1 RC: none NANO: No SUBSTANCE ROLE: Heat or UV stabilizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

SUBSTANCE NOTES: none

COCONUT ACID

ID: 61788-47-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:58

#: Impurity/Residual GS: NoGS RC: none NANO: No SUBSTANCE ROLE: Impurity/Residual

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

HYDROQUINONE

ID: 123-31-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:58**%: **Impurity/Residual** GS: **BM-1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
GEN	MAK	Germ Cell Mutagen 3a
GEN	GHS - Japan	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1B]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]

SUBSTANCE NOTES: none

UNDISCLOSED%: **0.1000 - 1.5000**MATERIAL THRESHOLD: Per GHS SDS RESIDUALS AND IMPURITIES CONSIDERED: **No** MATERIAL TYPE: **Polymeric Material**RESIDUALS AND IMPURITIES NOTES: **na**OTHER MATERIAL NOTES: **na****UNDISCLOSED**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**%: **99.7600 - 99.7600** GS: **LT-UNK** RC: **none** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: CAS# is confidential company information		

DIBUTYLTIN DILAURATE

ID: 77-58-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**

%: Impurity/Residual		GS: LT-1	RC: none	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor			
END	ChemSec - SIN List	Endocrine Disruption			
DEV	MAK	Pregnancy Risk Group B			
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B			
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant			
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters			
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels			
REP	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			
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]			
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]			
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]			
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]			
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]			

SUBSTANCE NOTES: residual catalyst

ANTIMONY TRIPHENYL

ID: 603-36-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-11-03 7:54:59**

%: 0.0900 - 0.0900		GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Heat or UV stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]			

SUBSTANCE NOTES: none

P-METHOXYPHENOL

ID: 150-76-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:59%: **0.0300 - 0.0300** GS: **LT-P1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

SUBSTANCE NOTES: none

COCONUT ACID

ID: 61788-47-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:59%: **Impurity/Residual** GS: **NoGS** RC: **none** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

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

SUBSTANCE NOTES: impurity in catalyst

HYDROQUINONE

ID: 123-31-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-11-03 7:54:59%: **Impurity/Residual** GS: **BM-1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
GEN	MAK	Germ Cell Mutagen 3a
GEN	GHS - Japan	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1B]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]

SUBSTANCE NOTES: impurity in MEHQ

BLACK INK

#: 0.0000 - 5.0000

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered for this material

OTHER MATERIAL NOTES:

2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)-

ID: 5117-12-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-07 9:58:29

#: 0.0000 - 35.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Monomer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES:

2-PROPENOIC ACID, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER

ID: 86178-38-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 9:59:01**%: **0.0000 - 15.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-OMEGA-((1,1'-BIPHENYL)-2-YLOXY)-

ID: 72009-86-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 9:59:27**%: **0.0000 - 15.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Curing agent**

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

SUBSTANCE NOTES:

2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER

ID: 48145-04-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 10:00:04**%: **0.0000 - 15.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

ID: 162881-26-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 10:00:34**%: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 10:01:02**%: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

ISOBORNYL ACRYLATE

ID: 5888-33-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 10:01:26**%: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE

ID: 75980-60-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 10:01:54**%: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]

SUBSTANCE NOTES:

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 10:02:30**%: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 10:02:53**%: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

ACRYLIC ACID

ID: 79-10-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-09-07 11:10:54		
#: 0.0000 - 15.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: This substance is undisclosed due to its proprietary nature

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-09-08 7:56:38		
#: 0.0000 - 5.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES:

MAGENTA INK

#: **0.0000 - 3.0000**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered for this material

OTHER MATERIAL NOTES:

2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)-

ID: 5117-12-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:26:30

%: 0.0000 - 40.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Monomer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES:

BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

ID: 162881-26-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:27:50

%: 0.0000 - 10.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Photoinitiator

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

SUBSTANCE NOTES:

ISOBORNYL ACRYLATE

ID: 5888-33-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:28:36

%: 0.0000 - 10.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Diluent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE

ID: 75980-60-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:29:55

%: 0.0000 - 5.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Photoinitiator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]

SUBSTANCE NOTES:

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:31:05

%: 0.0000 - 10.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:32:06

%: 0.0000 - 10.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:33:08

%: 0.0000 - 10.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES:

ACRYLIC ACID

ID: 79-10-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:33:48**

%: **0.0000 - 60.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES:

CYAN INK

%: **0.0000 - 3.0000**

MATERIAL THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities have been considered for this material**

OTHER MATERIAL NOTES:

2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)-

ID: **5117-12-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 11:13:47**

%: **0.0000 - 45.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES:

2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER, POLYMER WITH 2-AMINOETHANOL

ID: **67906-98-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 11:14:13**

%: **0.0000 - 15.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES:

ISOBORNYL ACRYLATE

ID: **5888-33-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-07 11:15:09**

#: 0.0000 - 15.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Diluent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

ID: 162881-26-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-07 11:15:56

#: 0.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Photoinitiator

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

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-07 12:07:17

#: 0.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES:

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE

ID: 75980-60-8

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

#: 0.0000 - 5.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Photoinitiator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]

SUBSTANCE NOTES:

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-09-07 12:09:32

#: 0.0000 - 10.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-09-07 12:10:00		
%: 0.0000 - 10.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES:

2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER

ID: 48145-04-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-09-08 8:04:29		
%: 0.0000 - 5.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES:

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-09-08 8:05:22		
%: 0.0000 - 55.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: This substance is not disclosed due to its proprietary nature

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered for this material

OTHER MATERIAL NOTES:

**POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-
OMEGA-((1,1'-BIPHENYL)-2-YLOXY)-**

ID: 72009-86-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 6:56:38**%: **0.0000 - 35.0000**GS: **NoGS**RC: **None**NANO: **No**SUBSTANCE ROLE: **Curing agent**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)-

ID: 5117-12-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 6:57:10**%: **0.0000 - 30.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Monomer**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

MUL

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SKI

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]

EYE

EU - GHS (H-Statements)

H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES:

BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

ID: 162881-26-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 6:57:37**%: **0.0000 - 10.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Photoinitiator**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

SKI

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]

SUBSTANCE NOTES:

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE

ID: 75980-60-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 6:58:00**%: **0.0000 - 5.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Photoinitiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]

SUBSTANCE NOTES:

ISOBORNYL ACRYLATE

ID: 5888-33-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 6:58:31**

%: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 6:58:53**

%: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 6:59:27**

%: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 6:59:52**

%: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:03:06**

%: **0.0000 - 47.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: This substance is undisclosed due to its proprietary nature

LIGHT MAGENTA INK

%: **0.0000 - 3.0000**

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered for this material

OTHER MATERIAL NOTES:

POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-OMEGA-((1,1'-BIPHENYL)-2-YLOXY)-

ID: 72009-86-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:08:06**

%: **0.0000 - 35.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Curing agent**

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

SUBSTANCE NOTES:

2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)-

ID: 5117-12-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:08:32**

%: **0.0000 - 30.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES:

BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

ID: 162881-26-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:08:55**

#: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES:

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE

ID: 75980-60-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:09:19**

#: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]

SUBSTANCE NOTES:

2-PROPENOIC ACID, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER

ID: 86178-38-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:09:44**

#: **0.0000 - 5.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

ISOBORNYL ACRYLATE

ID: 5888-33-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:10:07**

#: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:10:30**

#: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:10:53**

#: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:11:18**

#: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:12:27**%: **0.0000 - 45.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: This substance is undisclosed due to its proprietary nature

WHITE INK%: **0.0000 - 3.0000**MATERIAL THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered for this material

OTHER MATERIAL NOTES:

2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)-ID: **5117-12-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:38:18**%: **0.0000 - 35.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES:

TITANIUM DIOXIDEID: **13463-67-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:38:47**%: **0.0000 - 25.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

2-PROPENOIC ACID, 3,3,5-TRIMETHYLCYCLOHEXYL ESTER

ID: 86178-38-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2021-09-08 7:40:04			
%: 0.0000 - 16.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Monomer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES:

ISOBORNYL ACRYLATE

ID: 5888-33-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2021-09-08 7:40:30			
%: 0.0000 - 15.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Diluent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES:

BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

ID: 162881-26-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2021-09-08 7:40:57			
%: 0.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Photoinitiator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]		

SUBSTANCE NOTES:

**POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN-1-YL)-
OMEGA-((1,1'-BIPHENYL)-2-YLOXY)-**

ID: 72009-86-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:42:20**

#: **0.0000 - 5.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Curing agent**

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

SUBSTANCE NOTES:

ETHYL PHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINATE

ID: 84434-11-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:43:37**

#: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES:

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:44:06**

#: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:44:34**

#: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:45:05**

#: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:46:13**

%: **0.0000 - 25.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: This substance is undisclosed due to its proprietary nature

YELLOW INK

%: **0.0000 - 3.0000**

MATERIAL THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered for this material

OTHER MATERIAL NOTES:

2-PROPEN-1-ONE, 1-(4-MORPHOLINYL)-

ID: **5117-12-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:46:37**

%: **0.0000 - 45.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES:

2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER, POLYMER WITH 2-AMINOETHANOL

ID: 67906-98-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:48:01**%: **0.0000 - 15.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES:

BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

ID: 162881-26-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:48:30**%: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES:

ISOBORNYL ACRYLATE

ID: 5888-33-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:48:52**%: **0.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE

ID: 75980-60-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:49:22**%: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]

SUBSTANCE NOTES:

2-PROPENOIC ACID, 2-PHENOXYETHYL ESTER

ID: 48145-04-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:50:39**

%: 0.0000 - 5.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES:

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:51:08

%: 0.0000 - 10.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:51:37

%: 0.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES:

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-09-08 7:52:03

%: 0.0000 - 10.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES:

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:52:45**

#: **0.0000 - 55.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

SUBSTANCE NOTES: This substance is undisclosed due to its proprietary nature

C.I. PIGMENT YELLOW 12

ID: **6358-85-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-08 7:55:23**

#: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES:

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party

ISSUE DATE: 2019-04-

EXPIRY DATE: 2022-

CERTIFIER OR LAB: UL

APPLICABLE FACILITIES: All

23

03-12

CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5cd5a01455b0e87b3476c7b9?page_type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES: Certificate # 137853-420

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.

INPRO BOND ADHESIVE

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Inpro Bond Adhesive can be used to adhere Aspex® firmly to the wall - Inpro Bond is a water-based adhesive that allows for repositioning during installation and it is freeze-thaw stable to allow shipping during any time of the year - Greenguard Gold certified

3M FASTBOND 30 CONTACT CEMENT

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Fastbond 30-NF Contact Adhesive is a water-based, high strength contact adhesive used to adhere Aspex® to the wall - 1 gallon adheres approximately eleven 4' x 8' sheets

Section 5: General Notes

You must have the legal right to use any image you would like to have printed. Inpro respects the intellectual property rights of others and reserves the right to request verification of any image submitted for print.

MANUFACTURER INFORMATION

MANUFACTURER: **Inpro**
 ADDRESS: **S80 W18766 Apollo Drive**
Muskego Wisconsin 53150, United States
 WEBSITE: **www.inprocorp.com**

CONTACT NAME: **Jess Jenkins**
 TITLE: **Environmental and Technical Project Specialist**
 PHONE: **2626799010**
 EMAIL: **jjenkins@inprocorp.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

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

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

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

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

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

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

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