

HPD UNIQUE IDENTIFIER: 22519

CLASSIFICATION: 09 94 00 Decorative Finishing

PRODUCT DESCRIPTION: Smooth Pearl is a shimmering, durable, pearlescent finish that brings color to life and makes light dance off walls, features and architectural details. The finish system is formulated with a water-based polyurethane base coating, followed by a water-based polyurethane pearlescent effect coating and, then, a protective water-based polyurethane clear coat.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold level</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities</p> <p>Residuals/Impurities Considered in 4 of 4 Materials</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><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></p>
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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

ULTRA CLEAR (SATIN) [AMBIENT CROSSLINKING EMULSION Not Screened

WATERBORNE POLYURETHANE Not Screened **WATER** BM-4

PROPYLENE GLYCOL BM-2 | END **ETHYLENE GLYCOL MONO-N-BUTYL ETHER** BM-2 | SKI | EYE | END **RHEOLOGY MODIFIER** Not Screened

DEFOAMER Not Screened **TRIETHYLAMINE** LT-UNK | PHY | SKI **AQUAFIL** BM-1 | CAN **DOCUSATE SODIUM** LT-P1 | MUL

POLYETHYLENE GLYCOL MONO(BRANCHED P-NONYLPHENYL) ETHER BM-1tp | END | MUL | REP | AQU | DEV **DECANEDIOIC ACID, 1,10-BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER** BM-1 | PBT | MUL **2-AMINO-2-METHYLPROPANOL** LT-UNK | SKI | EYE

AMMONIUM HYDROXIDE LT-P1 | RES | AQU | SKI | MUL **POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY-** NoGS **POLYETHYLENE GLYCOL DI(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)-1-OXOPROPYL) ETHER** NoGS **MACROGOL** LT-UNK **METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE** LT-P1 | MUL **ACRYLIC MONOMER** Not Screened] **MC 100 [ACRYLIC EMULSION** Not Screened

WATER BM-4 **URETHANE-ACRYLIC DISPERSION** Not Screened

TITANIUM DIOXIDE LT-1 | CAN | END **POLYNOXYLIN** LT-P1 | RES **ASSOCIATIVE THICKENER** Not Screened **POLYCARBOXYLATE DISPERSANT** Not Screened **TEXANOL** LT-UNK | CAN **COALESCING AID** Not Screened **PROPYLENE GLYCOL** BM-2 | END **DEFOAMER** Not Screened **TRIETHYLAMINE** LT-UNK | PHY | SKI **HEUR THICKENER** Not Screened

2-AMINO-2-METHYLPROPANOL LT-UNK | SKI | EYE **2,4,7,9-**

Number of Greenscreen BM-4/BM3 contents ... 3

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All substances for which the identity is known are screened, all substances which are unknown or undisclosed are provided with their GHS classification.

TETRAMETHYL-5-DECYNE-4,7-DIOL LT-UNK AMMONIUM
HYDROXIDE LT-P1 | RES | AQU | SKI | MUL ALUMINUM OXIDE BM-2 |
RES C9-11 PARETH-3 LT-P1 | MUL C14-15 PARETH-7 LT-UNK
ACRYLIC MONOMER Not Screened 1,2-BENZISOTHIAZOLINE-3-ONE
LT-P1 | AQU | SKI | EYE | MUL 1,1,1-
TRIS(HYDROXYMETHYL)PROPANE LT-UNK PARAFFIN LT-UNK WAX,
CARNAUBA NoGS ATTAPULGITE, ACTIVATED LT-1 | CAN FREEZE-
THAW ADDITIVE Not Screened] PEARL SLURRY [WATER BM-4
FLUOROPHLOGOPITE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END
PROCESSING ADDITIVE POLYMER SOLUTION Not Screened]
MASTERLINK [TRIMETHYLOLPROPANE, TRIS(3-(2-
METHYLAZIRIDINYL)PROPANOATE) BM-1 | RES]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 40 Regulatory (g/l): 100
Does the product contain exempt VOCs: Yes
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: MAS Certified Green - VOC Emissions
VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario
VOC content: SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-08-11

PUBLISHED DATE: 2020-10-15

EXPIRY DATE: 2023-08-11

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

ULTRA CLEAR (SATIN)

#: 60.0000 - 66.0000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Other: Paint

RESIDUALS AND IMPURITIES NOTES: As specified per supplier GHS SDS

OTHER MATERIAL NOTES:

AMBIENT CROSSLINKING EMULSION

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-11

#: 32.0000 - 38.0000

GS: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Film former

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: Ambient Crosslinking Interior/Exterior Emulsion Polymer developed for low VOC aqueous gloss enamels with excellent durability and resistance properties.

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

WATERBORNE POLYURETHANE

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-11

#: 31.0000 - 37.0000

GS: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Film former

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: 40% solids anionic-stabilized aliphatic urethane polymer.

OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation Category 2A

Specific target organ toxicity (single exposure) Category 3

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-11

#: 22.0000 - 27.0000

GS: BM-4

RC: None

NANO: No

SUBSTANCE ROLE: Carrier

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

PROPYLENE GLYCOL

ID: 57-55-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**%: **1.0000 - 1.5000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

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

SUBSTANCE NOTES:

ETHYLENE GLYCOL MONO-N-BUTYL ETHER

ID: 111-76-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**%: **1.0000 - 1.5000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coalescent**

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:

RHEOLOGY MODIFIERID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**%: **0.5000 - 1.5000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES: Solvent-free, hydrophobically modified ethylene oxide urethane (HEUR) based on proprietary technology for an excellent balance of properties.

GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture.

DEFOAMERID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**%: **0.3000 - 1.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Defoamer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES: Specialty foam control agent designed for use with acrylic paint systems.

This material is considered not hazardous as defined by OSHA 29 CFR 1910.1200

TRIETHYLAMINE

ID: 121-44-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: Impurity/Residual

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Impurity/Residual

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:		

AQUAFIL

ID: 112945-52-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-11			
%: 0.2000 - 0.6000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Matting agent
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:				

DOCUSATE SODIUM

ID: 577-11-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-11			
%: 0.2000 - 0.4000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES:				

POLYETHYLENE GLYCOL MONO(BRANCHED P-NONYLPHENYL) ETHER

ID: 127087-87-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-11			
%: 0.1500 - 0.2500	GS: BM-1tp	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
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		
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		
ENDOCRINE	EU - SVHC Authorisation List	Equivalent Concern - Candidate List		

SUBSTANCE NOTES:

DECANEDIOIC ACID, 1,10-BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) ESTER

ID: 41556-26-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: **0.1300 - 0.1600** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

2-AMINO-2-METHYLPROPANOL

ID: 124-68-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: **0.1000 - 0.1500** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Buffer**

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:

AMMONIUM HYDROXIDE

ID: 1336-21-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: **0.0500 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Buffer**

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

POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)-1-OXOPROPYL)-OMEGA-HYDROXY-

ID: 104810-48-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**
 %: **0.0300 - 0.2000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

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

SUBSTANCE NOTES:

POLYETHYLENE GLYCOL DI(3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)-1-OXOPROPYL) ETHER

ID: 104810-47-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**
 %: **0.0300 - 0.2000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

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

SUBSTANCE NOTES:

MACROGOL

ID: 25322-68-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**
 %: **0.0300 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Carrier**

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

SUBSTANCE NOTES:

METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE

ID: 82919-37-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: 0.0300 - 0.0600

GS: LT-P1

RC: None NANO: No SUBSTANCE ROLE: Heat or UV stabilizer

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

SUBSTANCE NOTES:

ACRYLIC MONOMER

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-11

%: Impurity/Residual GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES:

MC 100

%: 30.0000 - 33.0000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Other: Paint

RESIDUALS AND IMPURITIES NOTES: As specified per supplier GHS SDS

OTHER MATERIAL NOTES: Basecoat

ACRYLIC EMULSION

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-11

%: 43.0000 - 53.0000 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Film former

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES: 100% acrylic emulsion designed for low VOC paints.
GHS classification in accordance with 29 CFR 1910.1200

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-11

%: 15.0000 - 20.0000 GS: BM-4 RC: None NANO: No SUBSTANCE ROLE: Carrier

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

SUBSTANCE NOTES:

URETHANE-ACRYLIC DISPERSION

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-11

%: 9.5000 - 11.5000 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Film former

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		
SUBSTANCE NOTES: Urethane-acrylic hybrid dispersion GHS Skin Corrosion/Irritation Category 2 GHS Serious Eye Damage/Eye Irritation Category 2A		

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11		
#: 7.0000 - 21.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE 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:

POLYNOXYLIN

ID: 9011-05-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11		
#: 3.5000 - 5.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Matting agent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced		

SUBSTANCE NOTES:

ASSOCIATIVE THICKENER

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11		
#: 1.5000 - 2.5000	GS: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				

SUBSTANCE NOTES: Solvent-free, hydrophobically modified polyether, 20% solids.
GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture.

POLYCARBOXYLATE DISPERSANT

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11		
#: 0.7000 - 0.9000	GS: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				
SUBSTANCE NOTES: Anionic polyelectrolyte pigment dispersant, 30% solids. GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture.				

TEXANOL

ID: **25265-77-4**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11		
#: 0.7000 - 0.9000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coalescent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
SUBSTANCE NOTES:				

COALESCING AID

ID: **Not registered**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11		
#: 0.7000 - 1.0000	GS: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Coalescent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				
SUBSTANCE NOTES: Coalescing aid with a proprietary formula. GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture.				

PROPYLENE GLYCOL

ID: **57-55-6**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11		
#: 0.5000 - 0.7000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
SUBSTANCE NOTES:				

DEFOAMER

ID: **Not registered**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11		
#: 0.5000 - 0.7000	GS: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Defoamer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				

SUBSTANCE NOTES: Specialty foam control agent designed for use with acrylic paint systems.
This material is considered not hazardous as defined by OSHA 29 CFR 1910.1200

TRIETHYLAMINE

ID: 121-44-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

#: **Impurity/Residual** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

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:

HEUR THICKENER

ID: Not registered

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

#: **0.2000 - 0.6000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES: A solvent-free, hydrophobically modified ethylene oxide urethane (HEUR) rheology modifier based on proprietary technology.
GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture.

2-AMINO-2-METHYLPROPANOL

ID: 124-68-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

#: **0.1500 - 0.2500** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Buffer**

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:

2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL

ID: 126-86-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

#: **0.0800 - 0.2600** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

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

SUBSTANCE NOTES:

AMMONIUM HYDROXIDE

ID: 1336-21-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11	
#: 0.0800 - 0.1200	GS: LT-P1	RC: None	NANO: No SUBSTANCE ROLE: Buffer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced	
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:			

ALUMINUM OXIDE ID: **1344-28-1**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11	
#: Impurity/Residual	GS: BM-2	RC: None	NANO: No SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced	
SUBSTANCE NOTES:			

C9-11 PARETH-3 ID: **68439-46-3**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11	
#: 0.0200 - 0.0900	GS: LT-P1	RC: None	NANO: No SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters	
SUBSTANCE NOTES:			

C14-15 PARETH-7 ID: **68951-67-7**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11	
#: 0.0200 - 0.1000	GS: LT-UNK	RC: None	NANO: No SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:			

ACRYLIC MONOMER ID: **Not registered**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-11	
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%: **Impurity/Residual** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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Hazard Screening not performed

SUBSTANCE NOTES:

1,2-BENZISOTHIAZOLINE-3-ONE

ID: 2634-33-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: **0.0150 - 0.0250** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Biocide**

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

1,1,1-TRIS(HYDROXYMETHYL)PROPANE

ID: 77-99-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: **0.0100 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surface modifier**

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

PARAFFIN

ID: 8002-74-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: **0.0000 - 0.7000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Water resistance**

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

WAX, CARNAUBA

ID: 8015-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: **0.0000 - 0.7000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Water resistance**

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

SUBSTANCE NOTES:

ATTAPULGITE, ACTIVATED

ID: 12174-11-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-11
%: 0.0000 - 0.6000	GS: LT-1 RC: None NANO: No SUBSTANCE ROLE: Viscosity modifier

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES:

FREEZE-THAW ADDITIVE

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-11
%: 0.0000 - 1.0000	GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Anti-freeze

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
		Hazard Screening not performed

SUBSTANCE NOTES: APE-free and zero-VOC post-polymerization additive that promotes freeze-thaw stability in both resin and coating formulations.
HCS 2012 (29 CFR 1910.1200) - Not a hazardous product according to Globally Harmonized System (GHS)

PEARL SLURRY

%: 0.5000 - 1.5000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Other: Paint

RESIDUALS AND IMPURITIES NOTES: As specified per supplier GHS SDS

OTHER MATERIAL NOTES: GHS classification in accordance with 29 CFR 1910.1200
Skin sensitization : Sub-category 1A

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-08-11
%: 60.0000 - 75.0000	GS: BM-4 RC: None NANO: No SUBSTANCE ROLE: Carrier

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

SUBSTANCE NOTES:

FLUOROPHLOGOPITE

ID: 12003-38-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**%: **20.0000 - 30.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surface modifier**

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

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**%: **1.0000 - 5.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE 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:

PROCESSING ADDITIVE POLYMER SOLUTIONID: **Not Registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**%: **1.0000 - 5.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES: No additional information provided by supplier GHS SDS

MASTERLINK%: **0.0000 - 1.1000**PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**RESIDUALS AND IMPURITIES NOTES: **100% solids polyfunctional aziridine**

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-11**

%: **100.0000 - 100.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Curing agent**

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

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	MAS Certified Green - VOC Emissions		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities CERTIFICATE URL: https://2f3785c4-e873-4fc5-9f51-8909f3528769.filesusr.com/ugd/c3b0ae_a584063acc354455abc2d6c34274c798.pdf	ISSUE DATE: 2020-08-07	EXPIRY DATE: 2021-08-07	CERTIFIER OR LAB: Material Analytical Services, LLC
CERTIFICATION AND COMPLIANCE NOTES: Certificate No. MAS2000429-1R1			
VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities CERTIFICATE URL:	ISSUE DATE: 2020-08-07	EXPIRY DATE: 2021-08-07	CERTIFIER OR LAB: Material Analytical Services, LLC
CERTIFICATION AND COMPLIANCE NOTES: Certificate No. MAS2000429-1R1			
VOC CONTENT	SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All facilities CERTIFICATE URL:	ISSUE DATE: 2020-08-07	EXPIRY DATE:	CERTIFIER OR LAB: None
CERTIFICATION AND COMPLIANCE NOTES: Calculated from base materials and verified in-house			

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.

APPLICATION GUIDE	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Instructions for proper application are included with every order of Scuffmaster	

Section 5: General Notes

This HPD was prepared by the manufacturer. All of the information disclosed is true and accurate to the best of their knowledge.

MANUFACTURER INFORMATION

MANUFACTURER: ICP Group
ADDRESS: 150 Dascomb Rd
 Andover Massachusetts 01810, United States
WEBSITE: <https://www.scuffmaster.com/>

CONTACT NAME: Nick Brenneman
TITLE: Chemist
PHONE: 9786239980 x2262
EMAIL: nbrenneman@icpgroup.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.