

HPD UNIQUE IDENTIFIER: 22272

CLASSIFICATION: 09 96 00 High-Performance Coatings

PRODUCT DESCRIPTION: Scuffmaster Armor is an exceptionally durable and cleanable multi-tone and tone-on-tone paint finish system for walls. Finish system components are formulated with cross-linked polyurethane coatings, resulting in a lower life cycle cost than standard acrylic latex paints because of less damage from abrasion and increased ease of cleaning.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

<p><b>Inventory Reporting Format</b></p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold level</b></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><b>Residuals/Impurities</b></p> <p>Residuals/Impurities Considered in 3 of 3 Materials</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p><b>Characterized</b> <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><b>Screened</b> <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><b>Identified</b> <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**

**PC 200 | URETHANE-ACRYLIC COPOLYMER** Not Screened

**NEPHELINE SYENITE** LT-UNK **ACRYLIC ENAMEL EMULSION** Not Screened

**TITANIUM DIOXIDE** LT-1 | CAN | END **PROPYLENE GLYCOL** BM-2 | END **TEXANOL** LT-UNK | CAN **WATER** BM-4 **TRIETHYLAMINE** LT-UNK | PHY | SKI **POLYCARBOXYLATE DISPERSANT** Not Screened

**POLYETHYLENE GLYCOL MONO(BRANCHED P-NONYLPHENYL) ETHER** BM-1tp | END | MUL | REP | AQU | DEV **RHEOLOGY MODIFIER** Not Screened

**DOCUSATE SODIUM** LT-P1 | MUL **3-IODO-2-PROPYNLBUTYLCARBAMATE** BM-2 | AQU | SKI | EYE | MAM | END | MUL **2-AMINO-2-METHYLPROPANOL** LT-UNK | SKI | EYE

**POLYOXYETHYLENE BRANCHED C9 ALKYLPHENOL ETHER** BM-1tp | END | MUL | REP | AQU | DEV **ALUMINUM OXIDE** BM-2 | RES

**TRISODIUM PHOSPHATE** LT-P1 | MAM **1,1,1-TRIS(HYDROXYMETHYL)PROPANE** LT-UNK **LIMESTONE** LT-UNK

**FREEZE-THAW ADDITIVE** Not Screened ] **AC 1200 | POLYURETHANE DISPERSION** Not Screened **ACRYLIC ENAMEL EMULSION** Not Screened

**TITANIUM DIOXIDE** LT-1 | CAN | END **LIMESTONE** LT-UNK **WATER** BM-4 **POLYETHYLENE GLYCOL MONO(BRANCHED P-NONYLPHENYL) ETHER** BM-1tp | END | MUL | REP | AQU | DEV **RHEOLOGY MODIFIER** Not Screened **POLYCARBOXYLATE DISPERSANT** Not Screened **2-AMINO-2-METHYLPROPANOL** LT-UNK | SKI | EYE **TEXANOL** LT-UNK | CAN **3-IODO-2-PROPYNLBUTYLCARBAMATE** BM-2 | AQU | SKI | EYE | MAM | END | MUL **DEFOAMER** Not Screened **TRISODIUM PHOSPHATE** LT-P1 | MAM **DOCUSATE SODIUM** LT-P1 | MUL **ALUMINUM OXIDE** BM-2 |

Number of Greenscreen BM-4/BM3 contents ... 2

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.

RES D-GLUCONIC ACID LT-UNK 1,1,1-  
TRIS(HYDROXYMETHYL)PROPANE LT-UNK AMMONIUM  
HYDROXIDE LT-P1 | RES | AQU | SKI | MUL ACRYLIC MONOMER Not  
Screened FREEZE-THAW ADDITIVE Not Screened ] MASTERLINK [  
TRIMETHYLOLPROPANE, TRIS(3-(2-  
METHYLAZIRIDINYL)PROPANOATE) BM-1 | RES ]

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

Material (g/l): 20 Regulatory (g/l): 45  
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: 2020-08-04  
PUBLISHED DATE: 2020-10-08  
EXPIRY DATE: 2023-08-04

## Section 2: Content in Descending Order of Quantity

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

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

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

### PC 200

#: 45.0000 - 50.0000

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:

#### URETHANE-ACRYLIC COPOLYMER

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-04

#: 29.0000 - 37.0000 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Film former

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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Hazard Screening not performed

SUBSTANCE NOTES: High solids waterborne aliphatic urethane/acrylic copolymer for air dry coating, designed for high performance. Regulation (EC) Classification Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335

#### NEPHELINE SYENITE

ID: 37244-96-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-04

#: 20.0000 - 25.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Filler

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

SUBSTANCE NOTES:

#### ACRYLIC ENAMEL EMULSION

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-04

#: 20.0000 - 27.0000 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Film former

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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Hazard Screening not performed

SUBSTANCE NOTES: 100% acrylic emulsion developed for both interior and light-duty-exterior high gloss and semigloss enamel. GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture.

#### TITANIUM DIOXIDE

ID: 13463-67-7

%: **6.0000 - 18.0000**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:		

**PROPYLENE GLYCOL**ID: **57-55-6**%: **1.5000 - 2.5000**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:		

**TEXANOL**ID: **25265-77-4**%: **1.5000 - 2.0000**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:		

**WATER**ID: **7732-18-5**%: **1.0000 - 2.0000**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:		

**TRIETHYLAMINE**

ID: 121-44-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **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:

**POLYCARBOXYLATE DISPERSANT**

ID: Not registered

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.3000 - 0.4000** 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.

**POLYETHYLENE GLYCOL MONO(BRANCHED P-NONYLPHENYL) ETHER**

ID: 127087-87-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.2000 - 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:

**RHEOLOGY MODIFIER**

ID: Not registered

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.2000 - 0.5000** 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.

### DOCUSATE SODIUM

ID: 577-11-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
%: <b>0.1500 - 0.2600</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Surfactant</b>

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

SUBSTANCE NOTES:

### 3-iodo-2-propynylbutylcarbamate

ID: 55406-53-6

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
%: <b>0.1000 - 0.2000</b>	GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Biocide</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

### 2-amino-2-methylpropanol

ID: 124-68-5

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-08-04</b>		
%: <b>0.0800 - 0.1000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Buffer</b>

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:

**POLYOXYETHYLENE BRANCHED C9 ALKYLPHENOL ETHER**

ID: 68412-54-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0500 - 0.1000** 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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
CHRON AQUATIC	US EPA - PPT Chemical Action Plans	Highly toxic to aquatic organisms
DEVELOPMENTAL	US EPA - PPT Chemical Action Plans	Developmental Effects
ENDOCRINE	EU - SVHC Authorisation List	Equivalent Concern - Candidate List

SUBSTANCE NOTES:

**ALUMINUM OXIDE**

ID: 1344-28-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **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:

**TRISODIUM PHOSPHATE**

ID: 7601-54-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0400 - 0.0500** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES:

**1,1,1-TRIS(HYDROXYMETHYL)PROPANE**

ID: 77-99-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0100 - 0.2000** 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:

**LIMESTONE**

ID: 1317-65-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.0000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES:

**FREEZE-THAW ADDITIVE**ID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **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)

**AC 1200**%: **45.0000 - 50.0000**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:

**POLYURETHANE DISPERSION**ID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **50.0000 - 58.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Film former**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
		Hazard Screening not performed

SUBSTANCE NOTES: Aqueous polyurethane dispersion with no free isocyanate.

GHS Classification Serious eye damage : Category 1



**ACRYLIC ENAMEL EMULSION**ID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **17.0000 - 22.0000** 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 developed for both interior and light-duty-exterior high gloss and semigloss enamel. GHS classification in accordance with 29 CFR 1910.1200 Not a hazardous substance or mixture.

**TITANIUM DIOXIDE**ID: **13463-67-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **6.0000 - 18.5000** 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:

**LIMESTONE**ID: **1317-65-3**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **6.0000 - 11.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES:

**WATER**ID: **7732-18-5**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **3.0000 - 5.0000** 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:

**POLYETHYLENE GLYCOL MONO(BRANCHED P-NONYLPHENYL) ETHER**

ID: 127087-87-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **2.5000 - 5.5000** 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:

**RHEOLOGY MODIFIER**ID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **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.

**POLYCARBOXYLATE DISPERSANT**ID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**%: **0.3000 - 0.4000** 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.

**2-AMINO-2-METHYLPROPANOL**ID: **124-68-5**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: 0.2000 - 0.3000 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:

### TEXANOL

ID: 25265-77-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-04

#: 0.1500 - 0.2500 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:

### 3-iodo-2-propynylbutylcarbamate

ID: 55406-53-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-04

#: 0.1400 - 0.1600 GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Biocide

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

### DEFOAMER

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-04

#: 0.1000 - 0.5000 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

### TRISODIUM PHOSPHATE

ID: 7601-54-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0900 - 0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES:

### DOCUSATE SODIUM

ID: 577-11-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0700 - 0.1300** 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:

### ALUMINUM OXIDE

ID: 1344-28-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **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:

### D-GLUCONIC ACID

ID: 526-95-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0200 - 0.0400** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Buffer**

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

SUBSTANCE NOTES:

### 1,1,1-TRIS(HYDROXYMETHYL)PROPANE

ID: 77-99-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

#: **0.0100 - 0.2000** 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:

**AMMONIUM HYDROXIDE**

ID: 1336-21-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

%: **0.0100 - 0.0200** 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:

**ACRYLIC MONOMER**

ID: **Not registered**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

%: **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:

**FREEZE-THAW ADDITIVE**

ID: **Not registered**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

%: **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)

**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:

**TRIMETHYLOLPROPANE, TRIS(3-(2-METHYLAZIRIDINYL)PROPANOATE)**

ID: 64265-57-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-04**

%: **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	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
APPLICABLE FACILITIES: All facilities	2020-08-07	2021-08-07	Material Analytical Services, LLC
CERTIFICATE URL: <a href="https://2f3785c4-e873-4fc5-9f51-8909f3528769.filesusr.com/ugd/c3b0ae_a584063acc354455abc2d6c34274c798.pdf">https://2f3785c4-e873-4fc5-9f51-8909f3528769.filesusr.com/ugd/c3b0ae_a584063acc354455abc2d6c34274c798.pdf</a>			
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	ISSUE DATE: 2020-08-07	EXPIRY DATE: 2021-08-07	CERTIFIER OR LAB: Material Analytical Services, LLC
APPLICABLE FACILITIES: All facilities			
CERTIFICATE URL:			
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	ISSUE DATE: 2020-08-07	EXPIRY DATE:	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: All facilities			
CERTIFICATE URL:			
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**

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

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> 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.*