

HPD UNIQUE IDENTIFIER: 22693

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> |
|--|--|--|---|

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): 44 Regulatory (g/l): 80  
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: 2020-10-27  
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 |
|-------------|------------------------|----------|
|-------------|------------------------|----------|

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 |
|-------------|------------------------|----------|
|-------------|------------------------|----------|

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 |
|-------------|------------------------|----------|
|-------------|------------------------|----------|

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.<br>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: <b>Pharos Chemical and Materials Library</b> |  | HAZARD SCREENING DATE: <b>2020-08-04</b>             |                 |                                   |
|---|--|--|-----------------|-----------------------------------|
| #: <b>0.0500 - 0.1000</b>   | GS: <b>BM-1tp</b>                                | RC: <b>None</b>                                      | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Surfactant</b> |
| 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: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2020-08-04</b> |                 |  |
|---|------------------------|--|-----------------|--|
| #: <b>Impurity/Residual</b>   | GS: <b>BM-2</b>        | RC: <b>None</b>                          | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Impurity/Residual</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS                                 |                 |  |
| RESPIRATORY   | AOEC - Asthmagens      | Asthmagens (Rs) - sensitizer-induced     |                 |  |
| SUBSTANCE NOTES:  |                        |  |                 |  |

**TRISODIUM PHOSPHATE**

ID: 7601-54-9

| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>2020-08-04</b> |                 |                                   |
|---|---|--|-----------------|-----------------------------------|
| #: <b>0.0400 - 0.0500</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                                 |                 |                                   |
| 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      | Asthmagens (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:<br>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.*