ULTRA SPEC SCUFF-X INTERIOR SEMI-GLOSS FINISH (487)
by Benjamin Moore & Co.

Health Product Declaration v2.1.1
created via: HPDC Online Builder

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: A high-performance, one-component latex coating engineered to deliver outstanding performance and protection for high-traffic, commercial spaces. The Semi-Gloss finish offers a unique blend of toughness and flexibility, rather than just relying on a hard surface, which can be more brittle and subject to chipping. In addition to the superior scuff resistance, this finish features proprietary CHIP-TECH® chipresistant technology engineered to withstand the glancing blows and irregular hits that elevator doors, trim, and columns receive on a daily basis.

Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

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

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:
- Characterized
- Screened
- Identified

Number of Greenscreen BM-4/BM3 contents ... 1
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
None

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 SPEC SCUFF-X INTERIOR SEMI-GLOSS FINISH (487) [ WATER BM-4 ]
- TITANIUM DIOXIDE LT-1 | CAN | END ACRYLIC POLYMERS NoGS
- KAOLIN CLAY LT-UNK | CAN | SILICA, AMORPHOUS LT-P1 | CAN
- PROPRIETARY ADDITIVE Not Screened | ALCOHOLS, C9-11, ETHOXYLATED LT-P1 | MUL

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 12.30
Regulatory (g/l): 37.70

Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE
See Section 3 for additional listings.

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.
ULTRA SPEC SCUFF-X INTERIOR SEMI-GLOSS FINISH (487)

hpdrepository.hpd-collaborative.org

HPD v2.1.1 created via HPDC Builder Page 2 of 7
Section 2: Content in Descending Order of Quantity

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

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

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

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**ULTRA SPEC SCUFF-X INTERIOR SEMI-GLOSS FINISH (487)**

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Based on the information provided by raw material suppliers

**OTHER PRODUCT NOTES:** None

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**WATER**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-06-04

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>40.00 - 50.00</td>
<td>BM-4</td>
<td>None</td>
<td>No</td>
<td>Solvent/Thinner</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

None found

**WARNINGS**

No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** None

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**TITANIUM DIOXIDE**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-06-04

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.00 - 30.00</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Color Pigment</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

- **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:** None
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
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</thead>
<tbody>
<tr>
<td>ACRYLIC POLYMERS</td>
<td>903501-20-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-04</td>
<td>10.00 - 20.00</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
</tr>
<tr>
<td>KAOLIN CLAY</td>
<td>1332-58-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-04</td>
<td>2.00 - 10.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Extender filler</td>
</tr>
<tr>
<td>SILICA, AMORPHOUS</td>
<td>7631-86-9</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-04</td>
<td>Impurity/Residual</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
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<tr>
<td>PROPRIETARY ADDITIVE</td>
<td>Undisclosed</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-04</td>
<td>1.00 - 10.00</td>
<td>Not Screened</td>
<td>None</td>
<td>No</td>
<td>Additive</td>
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<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
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<tbody>
<tr>
<td>None found</td>
<td></td>
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<table>
<thead>
<tr>
<th>WARNINGS</th>
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</thead>
<tbody>
<tr>
<td>None found on HPD Priority Hazard Lists</td>
</tr>
<tr>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
<tr>
<td>Carcinogenicity - Category 1A</td>
</tr>
<tr>
<td>H350i - May cause cancer by inhalation</td>
</tr>
</tbody>
</table>

<p>| SUBSTANCE NOTES | |
|-----------------| |
| None            | |
| Non-hazardous per GHS Criteria | |</p>
<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING DATE</td>
<td>2019-06-04</td>
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<tr>
<td>%</td>
<td>0.05 - 1.00</td>
</tr>
<tr>
<td>GS</td>
<td>LT-P1</td>
</tr>
<tr>
<td>RC</td>
<td>None</td>
</tr>
<tr>
<td>NANO</td>
<td>No</td>
</tr>
<tr>
<td>ROLE</td>
<td>Additive</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: None
### 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

<table>
<thead>
<tr>
<th>Certifying Party:</th>
<th>Third Party</th>
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<tbody>
<tr>
<td>Applicable Facilities:</td>
<td>All</td>
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<tr>
<td>Certificate URL:</td>
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<tr>
<td>Certification and Compliance Notes:</td>
<td>None</td>
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</table>

**CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario**

| Issue Date: | 2017-11-15 |
| Expiry Date: | 2020-11-15 |
| Certifier or Lab: | Berkeley Analytical |

#### VOC CONTENT

<table>
<thead>
<tr>
<th>Certifying Party:</th>
<th>Self-declared</th>
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</thead>
<tbody>
<tr>
<td>Applicable Facilities:</td>
<td>All</td>
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<tr>
<td>Certificate URL:</td>
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<tr>
<td>Certification and Compliance Notes:</td>
<td>None</td>
</tr>
</tbody>
</table>

**SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments**

| Issue Date: | 2019-06-04 |
| Expiry Date: |  |
| Certifier or Lab: | None |

### 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.

**GENNEX COLORANTS (229)**

| HPD URL: | No HPD available |
| Condition When Recommended or Required and/or Other Notes: | Required for all tinted products. |

### Section 5: General Notes

SDS and TDS available on www.benjaminmoore.com
MANUFACTURER INFORMATION

MANUFACTURER: Benjamin Moore & Co.
ADDRESS: 101 Paragon Drive
Montvale NJ 07645, USA
WEBSITE: www.Benjaminmoore.com

CONTACT NAME: Edja Kouassi
TITLE: Technical Project Manager
PHONE: 9732522607
EMAIL: Edja.kouassi@benjaminmoore.com

KEY

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

Hazard Types

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

GreenScreen (GS)
BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
NoGS Unknown (no data on List Translator Lists)

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

Other Terms
Inventory Methods:
- Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
- Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
- Basic Method / Product Threshold Substances listed individually per threshold indicated per product

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

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

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

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

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

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