

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: A professional-quality interior waterborne flat finish based on a proprietary acrylic resin that tints on the Gennex® zero VOC colorant system. This waterborne interior flat provides a decorative flat finish that qualifies for LEED® credit and passes the most stringent environmental standards in any color. Because it tints on our Gennex® waterborne colorant system all Ultra Spec® 500 finishes are available in any color without an increase in VOC.

Section 1: Summary

Basic Method / Product Threshold

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

Explanation(s) provided
for Residuals/Impurities?
 Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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 500 INTERIOR FLAT FINISH (N536) [WATER BM-4
LIMESTONE; CALCIUM CARBONATE LT-UNK VINYL ACETATE, POLYMER
WITH N-BUTYL ACRYLATE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END
KAOLIN, CALCINED LT-UNK DIATOMACEOUS EARTH (UNCALCINED) LT-
P1 | CAN NEPHELINE SYENITE LT-UNK 2,2'-ETHYLENEDIOXYDIETHYL
BIS(2-ETHYLHEXANOATE) LT-UNK SILICA, AMORPHOUS LT-P1 | CAN
ALUMINA TRIHYDRATE BM-2 | RES SOLVENT-DEWAXED HEAVY
PARAFFINIC PETROLEUM DISTILLATES, SHOWN TO CONTAIN LESS
THAN 3 % DMSO AS MEASURED BY IP 346 LT-UNK ALCOHOLS, C9-11,
ETHOXYLATED LT-P1 | MUL POLYETHYLENE GLYCOL LT-UNK SODIUM
LAURETH SULFATE LT-P1 | MUL HYDROXYETHYL CELLULOSE LT-P1 |
END AE-3, ALCOHOL ETHOXYLATE LT-UNK PENTAPOTASSIUM
TRIPHOSPHATE LT-UNK]**

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

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: N536 CHP Certification

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: 2017-06-09

PUBLISHED DATE: 2018-08-31

EXPIRY DATE: 2020-06-09



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, available on the HPDC website at: www.hpdc-collaborative.org/hpd-2-1-standard

ULTRA SPEC 500 INTERIOR FLAT FINISH (N536)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Based on data provided by raw material suppliers

OTHER PRODUCT NOTES: None

WATER

ID: 7732-18-5

#: 45.0000 - 55.0000 GS: BM-4 RC: None NANO: No ROLE: Thinner/solvent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 30.0000 - 40.0000 GS: LT-UNK RC: None NANO: No ROLE: Extender filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

VINYL ACETATE, POLYMER WITH N-BUTYL ACRYLATE

ID: 25067-01-0

#: 15.0000 - 25.0000 GS: LT-UNK RC: None NANO: No ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

TITANIUM DIOXIDE

ID: 13463-67-7

%: **15.0000 - 25.0000**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Color Pigment**

HAZARDS:

AGENCY(IES) WITH 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

SUBSTANCE NOTES: **None**

KAOLIN, CALCINED

ID: **92704-41-1**

%: **10.0000 - 20.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Extender filler**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None**

DIATOMACEOUS EARTH (UNCALCINED)

ID: **61790-53-2**

%: **1.0000 - 10.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Extender filler**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

Japan - GHS

Carcinogenicity - Category 1A

SUBSTANCE NOTES: **None**

NEPHELINE SYENITE

ID: **37244-96-5**

%: **1.0000 - 10.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Extender filler**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **None**

2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE)

ID: **94-28-0**

%: **0.5000 - 5.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Coalescing agent**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

SILICA, AMORPHOUS

ID: 7631-86-9

#: **Impurity/Residual** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER Japan - GHS Carcinogenicity - Category 1A

SUBSTANCE NOTES: None

ALUMINA TRIHYDRATE

ID: 21645-51-2

#: **Impurity/Residual** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: None

SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES, SHOWN TO CONTAIN LESS THAN 3 % DMSO AS MEASURED BY IP 346

ID: 64742-65-0

#: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Defoamer**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

ALCOHOLS, C9-11, ETHOXYLATED

ID: 68439-46-3

#: **0.0500 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Surfactant**

HAZARDS: AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: None

POLYETHYLENE GLYCOL

ID: 25322-68-3

| | | | | |
|-----------------------------|-------------------|-----------------|-----------------|--------------------------------|
| %: Impurity/Residual | GS: LT-UNK | RC: None | NANO: No | ROLE: Impurity/Residual |
|-----------------------------|-------------------|-----------------|-----------------|--------------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

SODIUM LAURETH SULFATE

ID: 68585-34-2

| | | | | |
|---------------------------|------------------|-----------------|-----------------|-----------------------|
| %: 0.0500 - 0.5000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Additive |
|---------------------------|------------------|-----------------|-----------------|-----------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: None

HYDROXYETHYL CELLULOSE

ID: 9004-62-0

| | | | | |
|---------------------------|------------------|-----------------|-----------------|-----------------------|
| %: 0.0500 - 5.0000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Additive |
|---------------------------|------------------|-----------------|-----------------|-----------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: None

AE-3, ALCOHOL ETHOXYLATE

ID: 68002-97-1

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-------------------------|
| %: 0.0100 - 0.1500 | GS: LT-UNK | RC: None | NANO: No | ROLE: Surfactant |
|---------------------------|-------------------|-----------------|-----------------|-------------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

PENTAPOTASSIUM TRIPHOSPHATE

ID: 13845-36-8

| | | | | |
|---------------------------|-------------------|-----------------|-----------------|-----------------------|
| %: 0.0100 - 0.1500 | GS: LT-UNK | RC: None | NANO: No | ROLE: Additive |
|---------------------------|-------------------|-----------------|-----------------|-----------------------|

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

N536 CHP Certification

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2016-11-15**

EXPIRY DATE: **2019-11-15**

CERTIFIER OR LAB: **Berkeley Analytical**

APPLICABLE FACILITIES: **all**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **None**

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: **2018-08-31**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **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 COLORANT (233)

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Required for all tinted products

Section 5: General Notes

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

GreenScreen (GS)

| | |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-P1 List Translator Possible Benchmark 1 |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-1 List Translator Likely Benchmark 1 |
| BM-2 Benchmark 2 (use but search for safer substitutes) | LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | NoGS Unknown (no data on List Translator Lists) |
| BM-U Benchmark Unspecified (insufficient data to benchmark) | |

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.