

# ULTRA SPEC 500 INTERIOR FLAT FINISH (N536) 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 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

*All Substances Above the Threshold Indicated Are:*

**Characterized**  Yes Ex/SC  Yes  No

*% weight and role provided for all substances.*

**Screened**  Yes Ex/SC  Yes  No

*All substances screened using Priority Hazard Lists with results disclosed.*

**Identified**  Yes Ex/SC  Yes  No

*All substances disclosed by Name (Specific or Generic) and Identifier.*

### 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?

PREPARER: Self-Prepared  
VERIFIER:

SCREENING DATE: 2017-06-09  
PUBLISHED DATE: 2018-12-24

Yes  
 No

VERIFICATION #:

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.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2017-06-09

#: 45.0000 - 55.0000

GS: BM-4

RC: None

NANO: No

ROLE: Thinner/solvent

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: None

#### LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2017-06-09

#: 30.0000 - 40.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Extender filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: None

#### VINYL ACETATE, POLYMER WITH N-BUTYL ACRYLATE

ID: 25067-01-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2017-06-09

#: 15.0000 - 25.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **None**

**TITANIUM DIOXIDE**

ID: **13463-67-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: **15.0000 - 25.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Color 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

SUBSTANCE NOTES: **None**

**KAOLIN, CALCINED**

ID: **92704-41-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: **10.0000 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Extender filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

SUBSTANCE NOTES: **None**

**DIATOMACEOUS EARTH (UNCALCINED)**

ID: **61790-53-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: **1.0000 - 10.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Extender filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	Japan - GHS	Carcinogenicity - Category 1A

SUBSTANCE NOTES: **None**

**NEPHELINE SYENITE**

ID: **37244-96-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: 1.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Extender filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: None

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

ID: 94-28-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: 0.5000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Coalescing agent

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: None

**SILICA, AMORPHOUS**

ID: 7631-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: Impurity/Residual

GS: LT-P1

RC: None

NANO: No

ROLE: Impurity/Residual

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

Japan - GHS

Carcinogenicity - Category 1A

SUBSTANCE NOTES: None

**ALUMINA TRIHYDRATE**

ID: 21645-51-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: Impurity/Residual

GS: BM-2

RC: None

NANO: No

ROLE: Impurity/Residual

HAZARD TYPE

AGENCY AND LIST TITLES

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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: 0.1000 - 1.0000

GS: LT-UNK

RC:

NANO:

ROLE:

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: None

**ALCOHOLS, C9-11, ETHOXYLATED**

ID: 68439-46-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2017-06-09**%: **0.0500 - 0.5000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Surfactant**

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

SUBSTANCE NOTES: None

**POLYETHYLENE GLYCOL**

ID: 25322-68-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2017-06-09**%: **Impurity/Residual**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: None

**SODIUM LAURETH SULFATE**

ID: 68585-34-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2017-06-09**%: **0.0500 - 0.5000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Additive**

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

SUBSTANCE NOTES: None

**HYDROXYETHYL CELLULOSE**

ID: 9004-62-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2017-06-09**%: **0.0500 - 5.0000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Additive**

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

SUBSTANCE NOTES: **None**

### AE-3, ALCOHOL ETHOXYLATE

ID: **68002-97-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: **0.0100 - 0.1500**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Surfactant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: **None**

### PENTAPOTASSIUM TRIPHOSPHATE

ID: **13845-36-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2017-06-09**

#: **0.0100 - 0.1500**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

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

### 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](http://www.benjaminmoore.com)





## MANUFACTURER INFORMATION

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MANUFACTURER: **Benjamin Moore & Co.**

ADDRESS: **101 Paragon Drive**

**Montvale NJ 07645, USA**

WEBSITE: **www.Benjaminmoore.com**

CONTACT NAME: **Edja Kouassi**

TITLE: **Technical Project Manager**

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## KEY

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**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

**CAN** 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.*