

# ULTRA SPEC 500 INTERIOR FLAT FINISH (N536) by Benjamin Moore & Co.

## Health Product Declaration v2.0

CLASSIFICATION: 09 00 00.00 FINISHES: FINISHES

created via: HPDC Online Builder

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

#### CONTENT INVENTORY

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

- Residuals and impurities considered in 1 of 1 materials
- see Section 2: Material Notes
  - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

#### 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:

#### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0      Regulatory (g/l): 0  
Does the product contain exempt VOCs: No  
Are ultra-low VOC tints available: Yes

#### CERTIFICATIONS AND COMPLIANCE

VOC emissions: N536 CHP Certification  
  
See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: June 9, 2017	EXPIRY DATE*: June 9, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: June 9, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### ULTRA SPEC 500 INTERIOR FLAT FINISH (N536) %: 1.0000 - 100.0000 HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes:

#### 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:

#### 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:

#### 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:

#### 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:

## KAOLIN, CALCINED

ID: 92704-41-1

%: 10.0000 - 20.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Extender filler
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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## SUBSTANCE NOTES:

## DIATOMACEOUS EARTH (UNCALCINED)

ID: 61790-53-2

%: 1.0000 - 10.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: Extender filler
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER	Japan - GHS	Carcinogenicity - Category 1A
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## SUBSTANCE NOTES:

## NEPHELINE SYENITE

ID: 37244-96-5

%: 1.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Extender filler
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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## SUBSTANCE NOTES:

## 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:

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:

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:

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:

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:

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:

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:

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:

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:

PENTAPOTASSIUM TRIPHOSPHATE

ID: 13845-36-8

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

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

**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**

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: all

CERTIFICATE URL: [www.Benjaminmoore.com](http://www.Benjaminmoore.com)

CERTIFICATION AND COMPLIANCE NOTES:

**N536 CHP Certification**

ISSUE DATE: 2016-11-11

EXPIRY DATE: 2018-11-11

CERTIFIER OR LAB: Berkley Analytical

**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.

**Section 5: General Notes**



**MANUFACTURER INFORMATION**

MANUFACTURER: Benjamin Moore & Co.

CONTACT NAME: Edja Kouassi

ADDRESS: 101 Paragon Drive  
Montvale, NJ 07645  
USA

TITLE: Technical Project Manager

PHONE: 973-252-2607

WEBSITE: www.Benjaminmoore.com

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

**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) BM-2 Benchmark 2 (use but search for safer substitutes)

**LT-1** List Translator Likely Benchmark 1

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** 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

**Nano** Composed of nanoscale particles or nanotechnology

Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.