# ULTRA SPEC 500 INTERIOR LOW SHEEN (N537) by Benjamin Moore & Co.

# **Health Product Declaration v2.2**

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: (to be provided)

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: A professional-quality interior waterborne low sheen finish based on a proprietary acrylic resin that tints on the Gennex® zero VOC colorant system. This waterborne interior low sheen finish provides the wash ability of a semi-gloss in a softer sheen. The product qualifies for LEED® v4 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.

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# **Section 1: Summary**

## **Basic Method / Product Threshold**

CC	NT	ENT	INV	EN.	ΓORY

Inventory Reporting Format

Nested Materials MethodBasic Method

**Threshold Disclosed Per** 

Material

Product

Threshold level

**⊙** 100 ppm

C 1,000 ppm C Per GHS SDS

C Other

Residuals/Impurities

Considered

C Partially Considered

Not Considered

Explanation(s) provided for Residuals/Impurities?

• Yes • No

All Substances Above the Threshold Indicated Are:

Characterized

C Yes Ex/SC © Yes C No

% weight and role provided for all substances.

Screened

O Yes Ex/SC O Yes O No

All substances screened using Priority Hazard Lists with results disclosed.

. . .... .

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 LOW SHEEN (N537) [ WATER NOGS METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END NEPHELINE SYENITE LT-UNK LIMESTONE; CALCIUM CARBONATE LT-UNK S/L/CA, AMORPHOUS LT-P1 | CAN ALUMINA TRIHYDRATE BM-2 | RES SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES LT-1 | CAN | MUL POLYETHYLENE GLYCOL LT-UNK ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS LT-UNK ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen
Benchmark or List translator Score ... LT-1

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:** 

None

### **VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

Material (g/l): 0.00 Regulatory (g/l): 0.0 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 V1.1 (Section 01350/CHPS) - Classroom & Office scenario

VOC content: SCAQMD Rule 1113 Architectural Coatings - Clear Wood Finishes including Varnish & Sanding Sealer, Lacquers, Mastic Coatings, Recycled Coatings - 2007 amendments

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

O Yes

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2018-11-15 PUBLISHED DATE: 2020-05-26 EXPIRY DATE: 2021-11-15



# 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

## **ULTRA SPEC 500 INTERIOR LOW SHEEN (N537)**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

OTHER PRODUCT NOTES: None

WATER				ID: <b>558440-22-5</b>
HAZARD SCREENING METHOD: Pha	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2018-11-15		
%: 40.0000 - 50.0000	gs: <b>NoGS</b>	RC: None	nano: <b>No</b>	SUBSTANCE ROLE: Diluent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	S	
None found			No warning	s found on HPD Priority Hazard Lists
SUBSTANCE NOTES: None				

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE					
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREENING DATE: 2018-11-15			
%: <b>15.0000 - 25.0000</b>	GS: <b>LT-UNK</b>	RC: None	nano: <b>No</b>	SUBSTANCE ROLE: Binder	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found			No warnings	found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: None					

TITANIUM DIOXIDE				ID: <b>13463-67-7</b>
HAZARD SCREENING METHOD: Pharos Ch	emical and Materials Library	HAZARD SCREE	NING DATE: 2018	-11-15
%: 10.0000 - 20.0000	GS: <b>LT-1</b>	RC: None	nano: <b>No</b>	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: None

SUBSTANCE NOTES: None

NEPHELINE SYENITE				ID: <b>37244-96-5</b>
HAZARD SCREENING METHOD: <b>Ph</b>	aros Chemical and Materials Library	HAZARD SCREEN	IING DATE: <b>2018-</b>	11-15
%: <b>5.0000 - 10.0000</b>	GS: LT-UNK	RC: None	nano: <b>No</b>	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings f	ound on HPD Priority Hazard Lists

LIMESTONE; CALCIUM CARBONATE				
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREEI	NING DATE: <b>2018-</b>	11-15
%: <b>1.0000 - 5.0000</b>	GS: <b>LT-UNK</b>	RC: None	nano: <b>No</b>	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings for	ound on HPD Priority Hazard Lists
SUBSTANCE NOTES: None				

SILICA, AMORPHOUS				ID: <b>7631-86-9</b>
HAZARD SCREENING METHOD: Pharos Chem	ical and Materials Library	HAZARD SCRE	ENING DATE: 20	)18-11-15
%: Impurity/Residual	GS: LT-P1	RC: None	nano: <b>No</b>	SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350i - May cause cancer by inhalation

ALUMINA TRIHYDRATE ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-11-15		
%: Impurity/Residual	GS: <b>BM-2</b>	RC: None	nano: <b>No</b>	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES	V	/ARNINGS	
RESPIRATORY	AOEC - Asthmagens	A	Asthmagen (Rs)	- sensitizer-induced

SUBSTANCE NOTES: None

SUBSTANCE NOTES: None

## SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

ID: 64742-65-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-11-15
%: 0.0500 - 1.0000	gs: <b>LT-1</b>	RC: None NANO: No SUBSTANCE ROLE: Diluent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: None

POLYETHYLENE GLYCOL ID: 25322-68-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-11-15			
%: Impurity/Residual	GS: LT-UNK	RC: None	nano: <b>No</b>	SUBSTANCE ROLE: Impurity/Residual	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found			Nov	warnings found on HPD Priority Hazard Lists	

SUBSTANCE NOTES: None

SUBSTANCE NOTES: None

## ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS

ID: 68439-57-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-11-15				
%: <b>0.0500 - 0.5000</b>	GS: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Dispersant		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS			
None found		No warnings found on HPD Priority Hazard 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** CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

ISSUE DATE: 2019-

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All

CERTIFICATE URI:

04-25 04-25 Analytical

EXPIRY DATE: 2021-

CERTIFICATION AND COMPLIANCE NOTES: None

**VOC CONTENT SCAQMD Rule 1113 Architectural Coatings - Clear Wood Finishes** including Varnish & Sanding Sealer, Lacquers, Mastic Coatings, **Recycled Coatings - 2007 amendments** 

CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: None

ISSUE DATE: 2018-

11-15

EXPIRY DATE:

CERTIFIER OR LAB: None

CERTIFIER OR LAB: Berkeley

## 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

TDS and SDS 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

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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**

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

**NEU** Neurotoxicity

NF Not found on Priority Hazard Lists

**OZO** Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or

reactive)

**REP** Reproductive

**RES** Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

**UNK** Unknown

#### 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 (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

## LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK 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.)

NoGS 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.