

ULTRA SPEC 500 INTERIOR EGGSHELL FINISH (N538) 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 EGGSHELL FINISH BASED ON A PROPRIETARY ACRYLIC RESIN THAT TINTS ON THE GENNEX® ZERO VOC COLORANT SYSTEM. THIS WATERBORNE INTERIOR EGGSHELL PROVIDES A DECORATIVE SCRUBBABLE 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 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 EGGSHELL FINISH (N538) [WATER **BM-4** 2-PROPENOIC ACID, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYL ACETATE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN | END METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE **LT-UNK** KAOLIN, CALCINED **LT-UNK** LIMESTONE; CALCIUM CARBONATE **LT-UNK** 2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE) **LT-UNK** VINYL ACETATE, POLYMER WITH N-BUTYL ACRYLATE **LT-UNK** NEPHELINE SYENITE **LT-UNK** SILICA, AMORPHOUS **LT-P1** | CAN ALCOHOLS, C9-11, ETHOXYLATED **LT-P1** | MUL SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES, SHOWN TO CONTAIN LESS THAN 3 % DMSO AS MEASURED BY IP 346 **LT-UNK** HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL), CONTAINING LESS THAN 3% DMSO AS MEASURED BY IP 346 **LT-UNK** HYDROXYETHYL CELLULOSE **LT-P1** | END ALUMINA TRIHYDRATE **BM-2** | RES POLYETHYLENE GLYCOL **LT-UNK** ISOCTYL ALCOHOL PHOSPHATE, POTASSIUM SALT **NoGS** ?HEXANEDIOIC ACID, DIHYDRAZIDE **NoGS** ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS **LT-UNK** ACETONE **BM-2** | EYE | PHY | END | DEV SODIUM LAURETH SULFATE **LT-P1** | MUL]

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: N538 CHP Certification

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: June 8, 2017	EXPIRY DATE*: June 8, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: June 8, 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 and www.greenscreenchemicals.org.

ULTRA SPEC 500 INTERIOR EGGSHELL FINISH (N538) %: 0.0000 - 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:

2-PROPENOIC ACID, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYL ACETATE

ID: 25085-41-0

%: 15.0000 - 30.0000

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

%: 10.0000 - 20.0000

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:

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE

ID: 25852-37-3

%: 10.0000 - 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:

KAOLIN, CALCINED

ID: 92704-41-1

%: 1.0000 - 5.0000

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:

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 1.0000 - 15.0000

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:

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

ID: 94-28-0

%: 1.0000 - 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:

VINYL ACETATE, POLYMER WITH N-BUTYL ACRYLATE

ID: 25067-01-0

%: 1.0000 - 15.0000 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:

NEPHELINE SYENITE

ID: 37244-96-5

%: 0.5000 - 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:

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:

ALCOHOLS, C9-11, ETHOXYLATED

ID: 68439-46-3

%: 0.1000 - 1.0000 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:

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:

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL), ID: 64742-54-7
CONTAINING LESS THAN 3% DMSO AS MEASURED BY IP 346

%: 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:

HYDROXYETHYL CELLULOSE ID: 9004-62-0

%: 0.1000 - 1.0000 GS: LT-P1 RC: None NANO: NO ROLE: Rheology modifier

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

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 Asthmagens (ARs) - sensitizer-induced - inhalable forms only

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:

ISOCTYL ALCOHOL PHOSPHATE, POTASSIUM SALT

ID: 68647-19-8

%: 0.0500 - 0.5000	GS: NoGS	RC: None	NANO: NO	ROLE: Additive
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HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

?HEXANEDIOIC ACID, DIHYDRAZIDE

ID: 1071-93-8

%: 0.0500 - 0.5000	GS: NoGS	RC: None	NANO: NO	ROLE: Cross-linker
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HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

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

ID: 68439-57-6

%: 0.0500 - 0.5000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Additive
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HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ACETONE

ID: 67-64-1

%: Impurity/Residual	GS: BM-2	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

PHYSICAL HAZARD
(REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

DEVELOPMENTAL

MAK

Pregnancy Risk Group B

SUBSTANCE NOTES:

%: 0.0000 - 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:

**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

CERTIFICATION AND COMPLIANCE NOTES:

N538 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.