ECO SPEC WB SEMI-GLOSS FINISH (N376) by Benjamin Moore & Co.

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: A low odor, zero VOC (Volatile Organic Compounds), 100% acrylic interior latex semi-gloss finish that is high hiding has excellent touch up and a uniform semi-gloss finish. Eco Spec® WB Interior Latex Semi-Gloss Finish is ideally suited for commercial, facility management and residential applications. Eco Spec® WB Interior Latex Semi-Gloss Finish does not have the odor of conventional paints that contain ingredients known as VOC’s. This product contains antimicrobial additives that inhibit the growth of mold and mildew on the surface of the paint film.

Section 1: Summary

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.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.00  Regulatory (g/l): 0.00
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE

VOC emissions: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario
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.
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

ECO SPEC WB SEMI-GLOSS FINISH (N376)

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

<table>
<thead>
<tr>
<th>%:</th>
<th>GS: BM-4</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Thinner/solvent</th>
</tr>
</thead>
<tbody>
<tr>
<td>40.0000 - 45.0000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HAZARDS:
AGENCY(IES) WITH WARNINGS:
None Found
No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE

<table>
<thead>
<tr>
<th>%:</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Binder</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.0000 - 25.0000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HAZARDS:
AGENCY(IES) WITH WARNINGS:
None Found
No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

TITANIUM DIOXIDE

<table>
<thead>
<tr>
<th>%:</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Color Pigment</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.0000 - 25.0000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
  - Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

**SUBSTANCE NOTES:** None

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**KAOLIN CLAY**

<table>
<thead>
<tr>
<th>%: 1.0000 - 5.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Extender filler</th>
</tr>
</thead>
</table>

**HAZARDS:**

- **CANCER**
  - MAK
  - Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

**SUBSTANCE NOTES:** None

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**SILICA, AMORPHOUS**

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

**HAZARDS:**

- **CANCER**
  - Japan - GHS
  - Carcinogenicity - Category 1A
  - Australia - GHS
  - H350i - May cause cancer by inhalation

**SUBSTANCE NOTES:** None

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**ALUMINA TRIHYDRATE**

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: BM-2</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

**HAZARDS:**

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

**SUBSTANCE NOTES:** None

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**ETHOXYLATED-2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL**

<table>
<thead>
<tr>
<th>%: 0.5000 - 1.0000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Surfactant</th>
</tr>
</thead>
</table>

**HAZARDS:**

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

**SUBSTANCE NOTES:** None
2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE)

ID: 94-28-0

%: 0.1000 - 0.5000
GS: LT-UNK
RC: None
NANO: No
ROLE: Coalescing agent

HAZARDS: None

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL), CONTAINING LESS THAN 3% DMSO AS MEASURED BY IP 346

ID: 64742-54-7

%: 0.1000 - 0.5000
GS: LT-UNK
RC: None
NANO: No
ROLE: Defoamer

HAZARDS: None

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

ETHOXYLATED-2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL

ID: 9014-85-1

%: 0.0100 - 0.5000
GS: LT-P1
RC: None
NANO: No
ROLE: Surfactant

HAZARDS: MULTIPLE

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

SUBSTANCE NOTES: None

POTASSIUM CARBONATE, ANHYDROUS

ID: 584-08-7

%: 0.0100 - 0.1000
GS: LT-P1
RC: None
NANO: No
ROLE: Additive

HAZARDS: None

No warnings found on HPD Priority lists

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

<table>
<thead>
<tr>
<th>Certifying Party:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable Facilities:</td>
<td>All</td>
</tr>
<tr>
<td>Certificate URL:</td>
<td></td>
</tr>
<tr>
<td>Certification and Compliance Notes:</td>
<td>None</td>
</tr>
</tbody>
</table>

**CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario**

- **Issue Date:** 2017-02-24
- **Expiry Date:** 2020-02-24
- **Certifier or Lab:** Berkeley Analytical

#### VOC CONTENT

<table>
<thead>
<tr>
<th>Certifying Party:</th>
<th>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable Facilities:</td>
<td>All</td>
</tr>
<tr>
<td>Certificate URL:</td>
<td></td>
</tr>
<tr>
<td>Certification and Compliance Notes:</td>
<td>None</td>
</tr>
</tbody>
</table>

**SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments**

- **Issue Date:** 2018-08-31
- **Expiry Date:** None
- **Certifier or Lab:** 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 (229)**

- **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  
**TITLE:** Technical Project Manager  
**PHONE:** 973-252-2607  
**EMAIL:** Edja.kouassi@benjaminmoore.com

### Key

<table>
<thead>
<tr>
<th>Hazard Types</th>
<th>OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet</th>
<th>GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU Aquatic toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAN Cancer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEV Developmental toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>END Endocrine activity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EYE Eye irritation/corrosivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEN Gene mutation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GLO Global warming</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAM Mammalian/systemic/organ toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUL Multiple hazards</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEU Neurotoxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OZO Ozone depletion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PBT Persistent Bioaccumulative Toxic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHY Physical Hazard (reactive)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REP Reproductive toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RES Respiratory sensitization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SKI Skin sensitization/irritation/corrosivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAN Land Toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NF Not found on Priority Hazard Lists</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GreenScreen (GS)**

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

**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.