Name: Advance Satin Finish

Product ID: 792
Website: www.benjaminmoore.com

Manufacturer: Benjamin Moore & Co.
Address: 360 Route 206
Flanders, NJ 07836

Description: Premium quality waterborne satin enamel

Release Date: 2015-12-02
Expiry Date: 2018-12-02

Contact Name: Edja Kouassi
Title: Technical Project Manager
Phone: 973-252-2607
Email: Edja.kouassi@benjaminmoore.com

Summary Disclosure
The content of this product was assessed for health hazard warnings as required using Pharos.

Residuals Disclosure
- Measured 100 ppm (ideal)
- Predicted by process chemistry
- As per MSDS (1,000 & 10,000 ppm)
- Not disclosed
- Other

Full Disclosure of Intentional Ingredients
- Yes
- No

Full Disclosure of Known Hazards
- Yes
- No

Disclosure Notes
Product has been reviewed for Benchmark 1 or Possible Benchmark 1 residual chemicals and all applicable residuals have been disclosed at or above 0.01%.

Contents in Descending Order of Quantity
WATER, Titanium dioxide, Undisclosed (Waterborne alkyd resin), KAOLIN CLAY, Undisclosed (Polyurethane resin), LIMESTONE; CALCIUM CARBONATE, SILICA, AMORPHOUS, Undisclosed (Polyalkeylene glycol alkyl ether), PROPYLENE GLYCOL, 1,4-DIISOBUTYL-1,4-DIMETHYLBUTYENEDIOL, Alumina trihydrate

Hazards
- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation

Highest concern GreenScreen score - List Translator Benchmark 1
- Neurotoxicity
- Development
- Mammal
- Endocrine
- Skin or Eye
- Respiratory
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

Total VOC Content
Material (g/L): 48.00
Regulatory (g/L): 48.00

Does the product contain exempt VOCs?
- N/A
- Yes
- No

Are there VOC-free tints available?
- N/A
- Yes
- No

Notes
Benjamin Moore® Gennex® colorants

Certifications + Compliance
VOC Emissions - CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom & Office scenario
VOC Content - Not tested
The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

### CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

**GS**: GreenScreen Benchmark; **RC**: Recycled Content, **PC**: Post Consumer, **PI**: Post Industrial (Pre-consumer), **BO**: Both; **Nano**: comprised of nanoscale particles or nanotechnology

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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<tbody>
<tr>
<td>Hazard A</td>
<td>7732-18-5</td>
<td>52 - 62 %</td>
<td>4</td>
<td>N</td>
<td>N</td>
<td>Solvent</td>
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<tr>
<td>None found</td>
<td>No warnings found on HPD Priority lists</td>
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<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>20 - 25 %</td>
<td>LT-1</td>
<td>N</td>
<td>N</td>
<td>Color pigment</td>
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<tr>
<td>CANCER</td>
<td>NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)</td>
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<td></td>
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</tr>
</tbody>
</table>

| Undisclosed (Waterborne alkyd resin) | Unknown | 10 - 20 % | N  | N  | N    | Binder                |
| None found                    | No warnings found on HPD Priority lists |
| No hazards identified         | |

| KAOLIN CLAY                   | 1332-58-7    | 5 - 10 %  | LT-U| N  | N    | Extender pigments     |
| CANCER                       | MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |

| Undisclosed (Polyurethane resin) | Unknown | 5 - 10 % | N  | N  | N    | Binder                |
| None found                     | No warnings found on HPD Priority lists |
| No hazards identified          | |

| LIMESTONE; CALCIUM CARBONATE   | 1317-65-3    | 5 - 10 %  | LT-U| N  | N    | Extender pigments     |
### SILICA, AMORPHOUS
- **CAS Number:** 7631-86-9
- **Occupation:** 1 - 5 %
- **Exposure Limit:** LT-1
- **Risk:** N
- **PH:** N
- **Purpose:** Extender pigments
- **Class:** Cancer - NIOSH-C: Occupational carcinogen

### Undisclosed (Polyalkylene glycol alkyl ether)
- **CAS Number:** Unknown
- **Occupation:** 1 - 5 %
- **Exposure Limit:** LT-U
- **Risk:** N
- **PH:** N
- **Purpose:** Surfactant

### PROPYLENE GLYCOL
- **CAS Number:** 57-55-6
- **Occupation:** 1 - 5 %
- **Exposure Limit:** LT-U
- **Risk:** N
- **PH:** N
- **Purpose:** Coalescing agent

### 1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNE DiOL
- **CAS Number:** 126-86-3
- **Occupation:** 0.1 - 0.5 %
- **Exposure Limit:** LT-U
- **Risk:** N
- **PH:** N
- **Purpose:** Surfactant

### Alumina trihydrate
- **CAS Number:** 21645-51-2
- **Occupation:** R
- **Exposure Limit:** 2
- **PH:** Unknown
- **Purpose:** Respiratory - AOE: Asthmagen (ARs) - sensitizer-induced - inhalable forms only

### CERTIFICATIONS AND COMPLIANCE
**Certifying Party** = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).
**Applicable facilities** = Manufacturing sites to which testing applies.

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard or Certification</th>
<th>Certifier or Laboratory</th>
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<td>Certifying Party</td>
<td>CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom &amp; Office scenario</td>
<td>Berkeley Analytical</td>
</tr>
</tbody>
</table>

### VOC Emissions
- **Issue Date:** 2014-06-12

### VOC Content
- **Not tested**
### ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

<table>
<thead>
<tr>
<th>Required or Recommended Product</th>
<th>URL for Companion Health Product Declaration</th>
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<tr>
<td>Condition when required or recommended and/or other notes</td>
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### NOTES