ADVANCE WATERBORNE INTERIOR ALKYD SATIN (792)
by Benjamin Moore & Co.

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: A premium quality, waterborne alkyd enamel that delivers the desired flow and leveling characteristics of conventional alkyd paint. It provides a tough, satin finish that stands up to repeated washing. It is easy to apply, resists spattering and cleans up with soap and water.

Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

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

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

Residuals/Impurities
- 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
--- | --- | --- | --- | ---
ADVANCE WATERBORNE INTERIOR ALKYD SATIN (792) | WATER BM-4 | | | 
TITANIUM DIOXIDE LT-1 | CAN | END PROPRIETARY RESIN | Not Screened | 
SILICA, AMORPHOUS LT-P1 | CAN | SILICA GEL LT-UNK | PROPYLENE GLYCOL BM-2 | END | PROPYLENE GLYCOL BM-2 | END | ALUMINA TRIHYDRATE BM-2 | RES |

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:
None

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 17.00
Regulatory (g/l): 43.00

Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE

VOC emissions: CDPH Standard Method V1.2 (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.

CONCLUSION

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER: 
VERIFICATION #: 
SCREENING DATE: 2019-03-19
PUBLISHED DATE: 2019-03-19
EXPIRY DATE: 2022-03-19
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

ADVANCE WATERBORNE INTERIOR ALKYD SATIN (792)

PRODUCT THRESHOLD: 100 ppm
RESIDUALS AND IMPURITIES CONSIDERED: Yes
RESIDUALS AND IMPURITIES NOTES: Based on information provided by raw material suppliers
OTHER PRODUCT NOTES: None

WATER

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2019-03-19

<table>
<thead>
<tr>
<th>%: 45.0000 - 55.0000</th>
<th>GS: BM-4</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Thinner/Solvent</th>
</tr>
</thead>
</table>

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: None

TITANIUM DIOXIDE

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2019-03-19

<table>
<thead>
<tr>
<th>%: 20.0000 - 30.0000</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Color Pigment</th>
</tr>
</thead>
</table>

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
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PROPRIETARY RESIN</strong></td>
<td></td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-03-19</td>
<td>15.0000 - 25.0000</td>
<td>Not Screened</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
<td></td>
<td></td>
<td>Hazard Screening not performed</td>
</tr>
<tr>
<td><strong>SILICA, AMORPHOUS</strong></td>
<td>7631-86-9</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-03-19</td>
<td>Impurity/Residual</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td><strong>SILICA GEL</strong></td>
<td>112926-00-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-03-19</td>
<td>0.0500 - 1.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Additive</td>
<td></td>
<td></td>
<td>No hazards found</td>
</tr>
<tr>
<td><strong>PROPYLENE GLYCOL</strong></td>
<td>57-55-6</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-03-19</td>
<td>Impurity/Residual</td>
<td>BM-2</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td></td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**
- None
### PROPYLENE GLYCOL

**ID:** 57-55-6  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-19  
**%:** Impurity/Residual  
**GS:** BM-2  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual  

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**  

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

### ALUMINA TRIOHYDRATE

**ID:** 21645-51-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-19  
**%:** 0.0500 - 1.0000  
**GS:** BM-2  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual  

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**  

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
</tbody>
</table>

**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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario**

- **Issue Date:** 2019-03-08
- **Expiry Date:** 2022-03-08
- **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:** 2019-03-19
- **Expiry Date:** |
- **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 COLORANTS (229)**

- **HPD URL:** No HPD available

- **Condition When Recommended or Required**

  Required for all tinted products.

**GENNEX COLORANTS (229)**

- **HPD URL:** No HPD available

- **Condition When Recommended or Required**

  Required for all tinted products.

### Section 5: General Notes

SDS and TDS 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  
**PHONE:** 9732522607  
**EMAIL:** Edja.kouassi@benjaminmoore.com

### KEY

<table>
<thead>
<tr>
<th>Hazard Types</th>
<th>GLO Global warming</th>
<th>PHY Physical Hazard (reactive)</th>
<th>GHS SDS</th>
<th>OSHA MSDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU Aquatic toxicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAN Cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEV Developmental toxicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>END Endocrine activity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EYE Eye irritation/corrosivity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEN Gene mutation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-P1 List Translator Possible Benchmark 1
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-1 List Translator Likely Benchmark 1
| BM-2 Benchmark 2 (use but search for safer substitutes) | LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
| BM-1 Benchmark 1 (avoid - chemical of high concern) | NoGS Unknown (no data on List Translator Lists)

### 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 (insufficient data to benchmark)

### 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

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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.