CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: This unique product provides epoxy toughness in a ready-to-use waterborne formula for walls, ceilings and trim (not ideal for floors). Low VOC and water cleanup make this product ideal for use in occupied areas. The cured film is scrubbable, resists water and common cleaning chemicals, and stands up to abrasion and marring. Excellent adhesion to many surfaces, including existing paint, drywall, primed masonry and primed metal.

Section 1: Summary

Basic Method / Product Threshold

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 SDS
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:
- Characterized
  - Yes Ex/SC
  - Yes No
  - % weight and role provided for all substances.
- Screened
  - Yes Ex/SC
  - Yes No
  - All substances screened using Priority Hazard Lists with results disclosed.
- Identified
  - Yes Ex/SC
  - Yes No
  - 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 or not 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
--- | --- | --- | --- | ---
PRE-CATALYZED WATERBORNE EPOXY EGGSHELL (V342) | WATER BM-4 | TITANIUM DIOXIDE LT-1 | CAN | END 2-PROPENOIC ACID, 2-METHYL-
POLYMER WITH BUTYL 2-METHYL-2-PROPENOATE LT-UNK | NEPHELINE SYENITE LT-UNK | PROPYLENE GLYCOL BM-2 | END SILICA, AMORPHOUS LT-P1 | CAN DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB) LT-UNK
ALUMINA TRIHYDRATE BM-2 | RES POLYETHYLENE GLYCOL MONO(BRANCHED P-NONYLPHENYL) ETHER BM-1tS | END | MUL | REP | AQU | DEL HEXANEDIOIC ACID, DIHYDRAZIDE NoGS | ACETONE LT-P1 | PHY | EYE | END | DEL

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 29.564
Regulatory (g/l): 72.335

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

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

CERTIFICATIONS AND COMPLIANCE

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario
VOC content: CARB07 Compliance

CONSISTENCY WITH OTHER PROGRAMS
No pre-checks completed or disclosed.

Third Party Verified?
PREPARATOR: Self-Prepared
VERIFIER:
SCREENING DATE: 2019-01-04
PUBLISHED DATE: 2019-01-04
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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### PRE-CATALYZED WATERBORNE EPOXY EGGSHELL (V342)

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**RESIDUALS AND IMPURITIES NOTES:** Residuals and Impurities based on information provided by raw material suppliers  
**OTHER PRODUCT NOTES:** None

<table>
<thead>
<tr>
<th>WATER</th>
<th>ID: 7732-18-5</th>
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</thead>
<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</td>
<td><strong>HAZARD SCREENING DATE:</strong> 2019-01-04</td>
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<tr>
<td><strong>%:</strong> 40.0000 - 50.0000</td>
<td><strong>GS:</strong> BM-4</td>
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</table>

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

- No hazards found

**SUBSTANCE NOTES:** None

### TITANIUM DIOXIDE

**ID: 13463-67-7**

<table>
<thead>
<tr>
<th>TITANIUM DIOXIDE</th>
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<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</td>
<td><strong>HAZARD SCREENING DATE:</strong> 2019-01-04</td>
</tr>
<tr>
<td><strong>%:</strong> 15.0000 - 25.0000</td>
<td><strong>GS:</strong> LT-1</td>
</tr>
</tbody>
</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 Name</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>
<th>SUBSTANCE NOTES</th>
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<tbody>
<tr>
<td>2-PROPENOIC ACID, 2-METHYL-, POLYMER</td>
<td>26284-14-0</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-01-04</td>
<td>10.0000 - 20.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
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<td>Binder</td>
<td>No hazards found</td>
<td>None</td>
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<td>BUTYL 2-METHYL-2-PROPENOATE</td>
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<td>NEPHELINE SYENITE</td>
<td>37244-96-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-01-04</td>
<td>5.0000 - 15.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Extender filler</td>
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<td>No hazards found</td>
<td>None</td>
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<td>PROPYLENE GLYCOL</td>
<td>57-55-6</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-01-04</td>
<td>Impurity/Residual</td>
<td>BM-2</td>
<td>None</td>
<td>No</td>
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<td>Impurity/Residual</td>
<td>No hazards found</td>
<td>None</td>
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<td>SILICA, AMORPHOUS</td>
<td>7631-86-9</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-01-04</td>
<td>Impurity/Residual</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td></td>
<td>Impurity/Residual</td>
<td>No hazards found</td>
<td>None</td>
</tr>
</tbody>
</table>

**CANCER**
- **Japan - GHS**: Carcinogenicity - Category 1A
- **Australia - GHS**: H350i - May cause cancer by inhalation
### DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB)

**ID:** 29911-28-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-01-04  
**%:** 0.0500 - 1.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  
**HAZARD TYPE**  
<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>No hazards found</strong></td>
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</table>

**SUBSTANCE NOTES:** None

### ALUMINA TRIHYDRATE

**ID:** 21645-51-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-01-04  
**%:** Impurity/Residual  
**GS:** BM-2  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual  
**HAZARD TYPE**  
<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **RESPIRATORY** | AOEC - Asthmagens  
|  | Asthmagen (Rs) - sensitizer-induced  |

**SUBSTANCE NOTES:** None

### POLYETHYLENE GLYCOL MONO(BRANCHED P-NONYLPHENYL) ETHER

**ID:** 127087-87-0  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-01-04  
**%:** 0.0500 - 1.0000  
**GS:** BM-1tp  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  
**HAZARD TYPE**  
<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
</table>
| **ENDOCRINE** | OSPAR - Priority PBTs & EDs & equivalent concern  
|  |  
| **RESTRICTED LIST** | US EPA - PPT Chemical Action Plans  
|  |  
| **RESTRICTED LIST** | US EPA - PPT Chemical Action Plans  
|  |  
| **ENDOCRINE** | ChemSec - SIN List  
|  |  
| **REPRODUCTIVE** | US EPA - PPT Chemical Action Plans  
|  |  
| **CHRON AQUATIC** | US EPA - PPT Chemical Action Plans  
|  |  
| **DEVELOPMENTAL** | US EPA - PPT Chemical Action Plans  

**SUBSTANCE NOTES:** None

### HEXANEDIOIC ACID, DIHYDRAZIDE

**ID:** 1071-93-8  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-01-04  
**HAZARD TYPE**  
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<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
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<tbody>
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<td><strong>HEXANEDIOIC ACID, DIHYDRAZIDE</strong></td>
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**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-01-04  
**%:** 0.0500 - 1.0000  
**GS:** BM-1tp  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  
**HAZARD TYPE**  
<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **ENDOCRINE** | OSPAR - Priority PBTs & EDs & equivalent concern  
|  |  
| **RESTRICTED LIST** | US EPA - PPT Chemical Action Plans  
|  |  
| **RESTRICTED LIST** | US EPA - PPT Chemical Action Plans  
|  |  
| **ENDOCRINE** | ChemSec - SIN List  
|  |  
| **REPRODUCTIVE** | US EPA - PPT Chemical Action Plans  
|  |  
| **CHRON AQUATIC** | US EPA - PPT Chemical Action Plans  
|  |  
| **DEVELOPMENTAL** | US EPA - PPT Chemical Action Plans  

**SUBSTANCE NOTES:** None
### Acetone

**ID:** 67-64-1

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-01-04

<table>
<thead>
<tr>
<th>%: 0.0500 - 0.5000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Solvent/Thinner</th>
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<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENTY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
<td>H225 - Highly flammable liquid and vapour</td>
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<tr>
<td>EYE IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H319 - Causes serious eye irritation</td>
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</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
<td></td>
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</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>MAK</td>
<td>Pregnancy Risk Group B</td>
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</tbody>
</table>

**SUBSTANCE NOTES:** None

---

**No hazards found**

**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

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

- **Certifying Party:** Third Party
- **Applicable Facilities:** All
- **Certificate URL:**
- **Issue Date:** 2018-05-24
- **Expiry Date:** 2021-05-24
- **Certifier or Lab:** Berkeley Analytical

**Certification and Compliance Notes:** None

#### VOC Content

**CARB07 Compliance**

- **Certifying Party:** Self-declared
- **Applicable Facilities:** All
- **Certificate URL:**
- **Issue Date:** 2019-01-04
- **Expiry Date:**
- **Certifier or Lab:** N/A

**Certification and Compliance Notes:** 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 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 Dr
Montvale New Jersey 07645, United States
WEBSITE: www.Benjaminmoore.com

CONTACT NAME: Edja Kouassi
TITLE: Technical Project Manager
PHONE: 973-252-2607
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
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation

GLO Global warming
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity
OZO Ozone depletion
PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard 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)

LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
NoGS 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 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.