LATEX FLOOR AND PATIO LOW SHEEN ENAMEL (N122)
by Benjamin Moore & Co.

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: A premium quality, quick-drying, epoxy-modified acrylic low sheen latex floor enamel. One coat covers most previously painted surfaces that are in fair to good condition.

Section 1: Summary

CONTENT INVENTORY

Threshold level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- 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 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): 7.67
Regulatory (g/l): 38.32
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.
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.
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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

**LATEX FLOOR AND PATIO LOW SHEEN ENAMEL (N122)**

**PRODUCT THRESHOLD:** 100 ppm  
RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Based on the information provided by raw material suppliers

OTHER PRODUCT NOTES: None

**WATER**  
ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2019-06-12

%: 50.00 - 60.00  
GS: BM-4  
RC: None  
NANO: No  
ROLE: Thinner/solvent

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Note

**TITANIUM DIOXIDE**  
ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2019-06-12

%: 15.00 - 25.00  
GS: LT-1  
RC: None  
NANO: No  
ROLE: Color Pigment

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>
</tr>
</thead>
<tbody>
<tr>
<td>2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH 2-ETHYLHEXYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE</td>
<td>25133-98-6</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-12</td>
<td>15.00 - 25.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
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<td>BARIUM SULFATE</td>
<td>7727-43-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-12</td>
<td>10.00 - 20.00</td>
<td>BM-2</td>
<td>None</td>
<td>No</td>
<td>Additive</td>
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<td>LINSEED OIL, POLYMER WITH PENTAERYTHRITOL, PHTHALIC ANHYDRIDE AND POLYMD. LINSEED OIL</td>
<td>68152-95-4</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-12</td>
<td>5.00 - 10.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
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<td>NEPHELINE SYENITE</td>
<td>37244-96-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-12</td>
<td>0.50 - 5.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Extender filler</td>
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</tbody>
</table>

**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

None found

No warnings found on HPD Priority Hazard Lists

**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>
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<tbody>
<tr>
<td><strong>2,2'-ETHYLENEDIETHYL BIS(2-ETHYLHEXANOATE)</strong></td>
<td>94-28-0</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-12</td>
<td>0.50 - 5.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Coalescing agent</td>
<td>None found</td>
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<td>No warnings found on HPD Priority Hazard Lists</td>
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<td><strong>SILICA, AMORPHOUS</strong></td>
<td>7631-86-9</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-12</td>
<td>Impurity/Residual</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td>CANCER</td>
<td>Japan - GHS</td>
<td>Carcinogenicity - Category 1A</td>
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<td></td>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350i - May cause cancer by inhalation</td>
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<tr>
<td><strong>OCTYLPHENOXY POLYETHOXYETHANOL</strong></td>
<td>9036-19-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-06-12</td>
<td>0.10 - 1.00</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Surfactant</td>
<td>ENDOCRINE</td>
<td>ChemSec - SIN List</td>
<td>Endocrine Disruption</td>
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<td></td>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
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<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 3 - Severe Hazard to Waters</td>
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<td><strong>PROPYLENE GLYCOL</strong></td>
<td>57-55-6</td>
<td>Pharos Chemical and Materials Library</td>
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<td>Impurity/Residual</td>
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<td>No</td>
<td>Impurity/Residual</td>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
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<td><strong>LATEX FLOOR AND PATIO LOW SHEEN ENAMEL (N122)</strong></td>
<td>hpdrepository.hpd-collaborative.org</td>
<td>HPD v2.1.1 created via HPDC Builder Page 5 of 9</td>
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**ALUMINA TRIHYDRATE**

ID: 21645-51-2  
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2019-06-12  
%: Impurity/Residual  
GS: BM-2  
RC: None  
NANO: No  
ROLE: Impurity/Residual  

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS  
RESPIRATORY  
AOEC - Asthmagens  
Asthmagen (Rs) - sensitizer-induced

**DISTILLATE FUEL OILS, LIGHT**

ID: 64742-47-8  
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2019-06-12  
%: 0.01 - 0.50  
GS: BM-2  
RC: None  
NANO: No  
ROLE: Defoamer  

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS  
MAMMALIAN  
EU - GHS (H-Statements)  
H304 - May be fatal if swallowed and enters airways  
CANCER  
MAK  
Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

**1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE**

ID: 25265-77-4  
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2019-06-12  
%: 0.01 - 0.50  
GS: LT-UNK  
RC: None  
NANO: No  
ROLE: Coalescing agent  

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS  
CANCER  
MAK  
Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

**KAOLIN CLAY**

ID: 1332-58-7  
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2019-06-12  
%: Impurity/Residual  
GS: LT-UNK  
RC: None  
NANO: No  
ROLE: Impurity/Residual
<table>
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<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
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**STODDARD SOLVENT**

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<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-06-12</th>
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<tbody>
<tr>
<td>%: Impurity/Residual</td>
<td>GS: LT-1</td>
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<tr>
<td>%: Impurity/Residual</td>
<td>GS: LT-1</td>
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<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
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</thead>
<tbody>
<tr>
<td>MAMMALLIAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H304 - May be fatal if swallowed and enters airways</td>
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<tr>
<td>GENE MUTATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H340 - May cause genetic defects</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
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<tr>
<td>ORGAN TOXICANT</td>
<td>EU - GHS (H-Statements)</td>
<td>H372 - Causes damage to organs through prolonged or repeated exposure</td>
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<td>CANCER</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</td>
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<td>GENE MUTATION</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man</td>
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<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
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<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
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<tr>
<td>GENE MUTATION</td>
<td>EU - Annex VI CMRs</td>
<td>Mutagen - Category 1B</td>
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<td>GENE MUTATION</td>
<td>Malaysia - GHS</td>
<td>H340 - May cause genetic defects</td>
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<tr>
<td>CANCER</td>
<td>Malaysia - GHS</td>
<td>H350 - May cause cancer</td>
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<tr>
<td>GENE MUTATION</td>
<td>Australia - GHS</td>
<td>H340 - May cause genetic defects</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350 - May cause cancer</td>
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</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>
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<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
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<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
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<tr>
<td>CERTIFICATE URL:</td>
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<td>ISSUE DATE:</td>
<td>2017-06-09</td>
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<td>EXPIRY DATE:</td>
<td>2020-06-09</td>
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<td>CERTIFIER OR LAB:</td>
<td>Berkeley Analytical</td>
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**VOC CONTENT**

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<th>CERTIFYING PARTY:</th>
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<td>ISSUE DATE:</td>
<td>2019-06-12</td>
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<td>EXPIRY DATE:</td>
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</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>Benjamin Moore</td>
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</table>

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)**

<table>
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<tr>
<th>HPD URL:</th>
<th>No HPD available</th>
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</table>

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
Section 6: References

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

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.