NATURA INTERIOR WATERBORNE PAINT & PRIMER (511) by Benjamin Moore & Co.

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: A low odor, zero VOC, 100% acrylic interior latex primer sealer. With spatter resistant properties. Ideally suited for residential applications. Natura® Interior Waterborne Primer (511) does not have the odor of conventional primers which contain ingredients as Volatile Organic Compounds (VOC’s). Always use Natura® Interior Waterborne Primer (511) as a first coat when a low-odor, VOC-free primer/finish system is required.

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 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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY | GREENSCREEN SCORE | HAZARD TYPE
--------- | ----------- | ------------------- | ----------------- | ---------
WATER BM-4
ACRYLIC POLYMERS NoGS TITANIUM DIOXIDE LT-1 | CAN | END KAOLIN, CALCINED LT-UNK KAOLIN CLAY LT-UNK | CAN SILICA, AMORPHOUS LT-P1 | CAN HYDROTREATED HEAVY PARAFFINIC PETROLEUM
DISTILLATES (MINERAL OIL) LT-1 | CAN | MUL ALUMINA TRIHYDRATE BM-2 | RES ETHOXYLATED-2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL LT-P1 | MUL POTASSIUM CARBONATE, ANHYDROUS LT-P1

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

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

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.

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER: 
VERIFICATION #: 
SCREENING DATE: 2019-03-04
PUBLISHED DATE: 2019-03-04
EXPIRY DATE: 2022-03-04
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

<table>
<thead>
<tr>
<th>NATURA INTERIOR WATERBORNE PAINT &amp; PRIMER (511)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT THRESHOLD: 100 ppm</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES: Based on information provided by raw material suppliers</td>
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<tr>
<td>OTHER PRODUCT NOTES: None</td>
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<table>
<thead>
<tr>
<th>WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID: 7732-18-5</td>
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<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
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<tr>
<td>HAZARD SCREENING DATE: 2019-03-04</td>
</tr>
<tr>
<td>%: 50.0000 - 60.0000</td>
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<tr>
<td>GS: BM-4</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Thinner/Solvent</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
</tr>
<tr>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
</tr>
<tr>
<td>No hazards found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES: None</td>
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<tr>
<th>ACRYLIC POLYMERS</th>
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<tr>
<td>ID: 903501-20-2</td>
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<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
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<td>HAZARD SCREENING DATE: 2019-03-04</td>
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<tr>
<td>%: 10.0000 - 20.0000</td>
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<td>GS: NoGS</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Binder</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
</tr>
<tr>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
</tr>
<tr>
<td>No hazards found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES: Non-hazardous per GHS criteria</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>TITANIUM DIOXIDE</th>
</tr>
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<tbody>
<tr>
<td>ID: 13463-67-7</td>
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<td>HAZARD SCREENING DATE: 2019-03-04</td>
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<tr>
<td>%: 10.0000 - 20.0000</td>
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<tr>
<td>GS: LT-1</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Color Pigment</td>
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<tr>
<td>HAZARD TYPE</td>
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<tr>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
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hpdrepository.hpd-collaborative.org  HPD v2.1.1 created via HPDC Builder Page 2 of 7
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

---

### KAOLIN, CALCINED

**ID:** 92704-41-1  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-04  
**%:** 3.0000 - 10.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Extender Filler  
**No hazards found**  
**SUBSTANCE NOTES:** None

---

### KAOLIN CLAY

**ID:** 1332-58-7  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-04  
**%:** 2.0000 - 10.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  
**CANCER**  
**MAK**  
**Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**  
**SUBSTANCE NOTES:** None

---

### SILICA, AMORPHOUS

**ID:** 7631-86-9  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-03-04  
**%:** Impurity/Residual  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Impurity/Residual
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>Japan - GHS</td>
<td>Carcinogenicity - Category 1A</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350i - May cause cancer by inhalation</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

### HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL)

**ID:** 64742-54-7

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2019-03-04

| %: 0.0500 - 1.0000 | GS: LT-1 | RC: None | NANO: No | ROLE: Defoamer |

**HAZARD TYPE**

<table>
<thead>
<tr>
<th></th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
</tr>
<tr>
<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>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350 - May cause cancer</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

### ALUMINA TRIHYDRATE

**ID:** 21645-51-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2019-03-04

| %: Impurity/Residual | GS: BM-2 | RC: None | NANO: No | ROLE: Impurity/Residual |

**HAZARD TYPE**

<table>
<thead>
<tr>
<th></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

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

**ID:** 9014-85-1

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2019-03-04

| %: 0.0500 - 1.0000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Additive |

**HAZARD TYPE**

<table>
<thead>
<tr>
<th></th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
</table>

**SUBSTANCE NOTES:** None
HAZARD TYPE
MULTIPLE

AGENCY AND LIST TITLES
German FEA - Substances Hazardous to Waters

WARNINGS
Class 2 - Hazard to Waters

SUBSTANCE NOTES
None

POTASSIUM CARBONATE, ANHYDROUS

ID: 584-08-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2019-03-04

%: 0.0500 - 0.5000
GS: LT-P1
RO: None
NANO: No
ROLE: Additive

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

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:** 2017-03-06
- **EXPIRY DATE:** 2020-03-06
- **CERTIFIER OR LAB:** Berkeley Analytical
- **CERTIFICATION AND COMPLIANCE NOTES:** None

### VOC CONTENT

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

- **CERTIFYING PARTY:** Self-declared
- **APPLICABLE FACILITIES:** All
- **CERTIFICATE URL:**
- **ISSUE DATE:** 2019-03-04
- **CERTIFIER OR LAB:** None
- **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 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

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/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.