FRESH START MULTI-PURPOSE LATEX PRIMER WHITE (N023) by Benjamin Moore & Co.

Health Product Declaration v2.1.1
created via: HPDC Online Builder

CLASSIFICATION: 09 00 00 Finishes: Finishes

PRODUCT DESCRIPTION: A premium quality, 100% acrylic interior and exterior primer formulated for sealing and suppressing most bleeding type stains including crayon, graffiti, grease marks, water stains, cedar and redwood bleed, asphalt, creosote, rust and smoke. In cases of severe bleeding, a solvent based primer should be used to prevent stains from reappearing. Fresh Start® 100% Acrylic All-Purpose Primer combines many of the qualities desired in a primer: high hiding, excellent adhesion, blister resistance, quick dry, spatter proof and minimal odor with excellent flow and leveling.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Disclosed Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
</tr>
</tbody>
</table>

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
--- | --- | --- | --- | ---
FRESH START MULTI-PURPOSE LATEX PRIMER WHITE (N023) | WATER | BM-4 | 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH N-(1,1-DIMETHYLETHYL)-2-PROPENAMIDE AND 2-PROPENOIC ACID LT-UNK | TITANATE DIOXIDE LT-1 | CAN | END KAOLIN, CALCINED LT-UNK | NEPHELINE SYENITE LT-UNK | WOLLASTONITE LT-UNK | DIATOMACEOUS EARTH [WHICH CONTAINS LESS THAN 0.1% OF CRYSTALLINE SILICA] LT-UNK | ZINC OXIDE BM-3 | RES | AQU | MUL | 1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE LT-UNK | CAN | SILICA, AMORPHOUS LT-P1 | CAN | PROPYLENE GLYCOL BM-2 | END | SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES LT-1 | CAN | MUL | ALUMINA TRIHYDRATE BM-2 | RES | SODIUM BENZOATE LT-UNK

Number of Greenscreen BM-4/BM3 contents ... 1
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
None

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 15.899
Regulatory (g/l): 48.205

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

CERTIFICATIONS AND COMPLIANCE

VOC emissions: CDPH Standard Method V1.1 (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
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ Yes</td>
<td>VERIFIER:</td>
<td>PUBLISHED DATE: 2018-12-24</td>
</tr>
<tr>
<td>☐ No</td>
<td>VERIFICATION #:</td>
<td>EXPIRY DATE: 2021-12-24</td>
</tr>
</tbody>
</table>

FRESH START MULTI-PURPOSE LATEX PRIMER WHITE (N023)
hpddrepository.hpd-collaborative.org

HPD v2.1.1 created via HPDC Builder Page 2 of 9
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

### FRESH START MULTI-PURPOSE LATEX PRIMER WHITE (N023)

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** Based on data provided by raw material suppliers

**OTHER PRODUCT NOTES:** None

### WATER

<table>
<thead>
<tr>
<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>Pharos Chemical and Materials Library</td>
<td>2018-12-24</td>
<td>50.0000 - 60.0000</td>
<td>BM-4</td>
<td>None</td>
<td>No</td>
<td>Thinner/solvent</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
No hazards found

**SUBSTANCE NOTES:** None

### 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH N-(1,1-DIMETHYLETHYL)-2-PROPENAMIDE AND 2-PROPENOIC ACID

<table>
<thead>
<tr>
<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>Pharos Chemical and Materials Library</td>
<td>2018-12-24</td>
<td>10.0000 - 25.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
No hazards found

**SUBSTANCE NOTES:** None

### TITANIUM DIOXIDE

<table>
<thead>
<tr>
<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>Pharos Chemical and Materials Library</td>
<td>2018-12-24</td>
<td>5.0000 - 15.0000</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Color Pigment</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
CANCER  
US CDC - Occupational Carcinogens  
Occupational Carcinogen
<table>
<thead>
<tr>
<th>SUBSTANCE NOTES</th>
<th>KAOLIN, CALCINED</th>
<th>id: 92704-41-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD</td>
<td>Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2018-12-24</td>
</tr>
<tr>
<td>%:</td>
<td>2.0000 - 10.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
<tr>
<td>WARNINGS</td>
<td>No hazards found</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBSTANCE NOTES</th>
<th>NEPHELINE SYENITE</th>
<th>id: 37244-96-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD</td>
<td>Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2018-12-24</td>
</tr>
<tr>
<td>%:</td>
<td>0.5000 - 5.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
<tr>
<td>WARNINGS</td>
<td>No hazards found</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBSTANCE NOTES</th>
<th>WOLLASTONITE</th>
<th>id: 13983-17-0</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD</td>
<td>Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2018-12-24</td>
</tr>
<tr>
<td>%:</td>
<td>0.5000 - 5.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
<tr>
<td>WARNINGS</td>
<td>No hazards found</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

| SUBSTANCE NOTES | DIATOMACEOUS EARTH [WHICH CONTAINS LESS THAN 0.1% OF CRYSSTALLINE SILICA] | id: 61790-53-2 |
## Zinc Oxide

**ID:** 1314-13-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-24

<table>
<thead>
<tr>
<th>%:</th>
<th>0.0500 - 2.0000</th>
<th>GS: BM-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Additive</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>RESPIRATORY</td>
<td>AOE - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

## 1,3-Pentanediol, 2,2,4-trimethyl-, Monoisobutyrate

**ID:** 25265-77-4

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-24

<table>
<thead>
<tr>
<th>%:</th>
<th>0.0500 - 2.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Additive</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** None

## Silica, Amorphous

**ID:** 7631-86-9

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-24

<table>
<thead>
<tr>
<th>%:</th>
<th>Impurity/Residual</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>CANCER</td>
<td>Japan - GHS</td>
<td>Carcinogenicity - Category 1A</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350i - May cause cancer by inhalation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**ID:** 57-55-6  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-24  
**%:** Impurity/Residual  
**GS:** BM-2  
**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>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
</tbody>
</table>

### SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

**ID:** 64742-65-0  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-24  
**%:** 0.0500 - 1.0000  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  

<table>
<thead>
<tr>
<th>HAZARD TYPE</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>

### ALUMINA TRIHYDRATE

**ID:** 21645-51-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-24  
**%:** 0.0500 - 0.5000  
**GS:** BM-2  
**RC:** None  
**NANO:** No  
**ROLE:** Additive  

<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>

### SODIUM BENZOATE

**ID:** 532-32-1
### HAZARD SCREENING METHOD
Pharos Chemical and Materials Library

### HAZARD SCREENING DATE
2018-12-24

#### %: 0.0500 - 0.5000
GS: LT-UNK
RC: None
NANO: No
ROLE: Additive

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 V1.1 (Section 01350/CHPS) - Classroom & Office scenario**

<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>ISSUE DATE:</td>
<td>2017-02-20</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2020-02-20</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>Berkeley Analytical</td>
</tr>
</tbody>
</table>

**VOC CONTENT**

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

<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>ISSUE DATE:</td>
<td>2018-12-24</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>None</td>
</tr>
</tbody>
</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)**

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
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.