

# FRESH START HIGH-HIDING ALL PURPOSE PRIMER (046) by Benjamin Moore & Co.

## Health Product Declaration v2.0

CLASSIFICATION: 09 00 00.00 FINISHES: FINISHES

created via: HPDC Online Builder

PRODUCT DESCRIPTION: A SUPERIOR QUALITY, INTERIOR/EXTERIOR 100% ACRYLIC PRIMER THAT DELIVERS MAXIMUM HIDE AND ENSURES UNIFORM FINISH. IT IS THE PRODUCT OF CHOICE WHEN A SIGNIFICANT COLOR CHANGE IS REQUIRED. IT PROVIDES SUPERIOR ADHESION AND IS MORE FORGIVING OVER DIFFICULT SUBSTRATES. ADDITIONALLY, THIS PRODUCT IS EFFECTIVE IN SEALING AND SUPPRESSING MOST BLEEDING TYPE STAINS. IN CASES OF SEVERE BLEEDING, A SOLVENT BASED PRIMER SHOULD BE USED TO PREVENT STAINS FROM REAPPEARING.

### Section 1: Summary

#### CONTENT INVENTORY

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

Residuals and impurities considered in 1 of 1 materials

- see Section 2: Material Notes
- see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	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

BENJAMIN MOORE FRESH START HIGH-HIDING ALL PURPOSE PRIMER [ WATER **BM-4** 2-PROPENOIC ACID, POLYMER WITH 2-ETHYLHEXYL 2-PROPENOATE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN | END KAOLIN, CALCINED **LT-UNK** 1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE **LT-UNK** | CAN NEPHELINE SYENITE **LT-UNK** DIATOMACEOUS EARTH (UNCALCINED) **LT-P1** | CAN ZINC OXIDE **BM-1** | AQU | RES | MUL SILICA, AMORPHOUS **LT-P1** | CAN ALCOHOLS, C9-11, ETHOXYLATED **LT-P1** | MUL ETHOXYLATED BRANCHED C11-C14, C13-RICH ALCOHOLS **LT-UNK** SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES, SHOWN TO CONTAIN LESS THAN 3 % DMSO AS MEASURED BY IP 346 **LT-UNK** ?HEXANEDIOIC ACID, DIHYDRAZIDE **NoGS** PROPYLENE GLYCOL **BM-2** | END ALUMINA TRIHYDRATE **BM-2** | RES ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS **LT-UNK** ACETONE **BM-2** | EYE | END | DEV | PHY SODIUM BENZOATE **LT-UNK** PENTAPOTASSIUM TRIPHOSPHATE **LT-UNK** SILOXANES AND SILICONES, DI-ME, REACTION PRODUCTS WITH SILICA **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:

#### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.40 Regulatory (g/l): 47.86

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: N/A

#### CERTIFICATIONS AND COMPLIANCE

VOC emissions: 046 CHPS Certificate

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: June 8, 2017	EXPIRY DATE*: June 8, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: June 8, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### BENJAMIN MOORE FRESH START HIGH-HIDING ALL PURPOSE PRIMER %: 0.0000 - 100.0000 HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes:

#### WATER

ID: 7732-18-5

%: 40.0000 - 50.0000      GS: BM-4      RC: None      NANO: NO      ROLE: Thinner/solvent

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### 2-PROPENOIC ACID, POLYMER WITH 2-ETHYLHEXYL 2-PROPENOATE

ID: 25134-51-4

%: 15.0000 - 25.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Binder

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### TITANIUM DIOXIDE

ID: 13463-67-7

%: 10.0000 - 20.0000      GS: LT-1      RC: None      NANO: NO      ROLE: Color Pigment

#### HAZARDS:

#### AGENCY(IES) WITH 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

SUBSTANCE NOTES:

KAOLIN, CALCINED

ID: 92704-41-1

%: 5.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Extender filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

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

ID: 25265-77-4

%: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Coalescing agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES:

NEPHELINE SYENITE

ID: 37244-96-5

%: 1.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Extender filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DIATOMACEOUS EARTH (UNCALCINED)

ID: 61790-53-2

%: 1.0000 - 5.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Extender filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

Japan - GHS

Carcinogenicity - Category 1A

SUBSTANCE NOTES:

ZINC OXIDE

ID: 1314-13-2

%: 0.1000 - 1.0000      GS: BM-1      RC: None      NANO: NO      ROLE: Antioxidant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES:

SILICA, AMORPHOUS

ID: 7631-86-9

%: Impurity/Residual      GS: LT-P1      RC: None      NANO: NO      ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	Japan - GHS	Carcinogenicity - Category 1A
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SUBSTANCE NOTES:

ALCOHOLS, C9-11, ETHOXYLATED

ID: 68439-46-3

%: 0.1000 - 1.0000      GS: LT-P1      RC: None      NANO: NO      ROLE: Surfactant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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SUBSTANCE NOTES:

ETHOXYLATED BRANCHED C11-C14, C13-RICH ALCOHOLS

ID: 78330-21-9

%: 0.1000 - 0.5000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Surfactant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists	
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SUBSTANCE NOTES:

SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES, SHOWN TO CONTAIN LESS THAN 3 % DMSO AS MEASURED BY IP 346 ID: 64742-65-0

%: 0.0500 - 0.5000 GS: LT-UNK RC: None NANO: NO ROLE: Defoamer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

?HEXANEDIOIC ACID, DIHYDRAZIDE ID: 1071-93-8

%: 0.0500 - 0.5000 GS: NoGS RC: None NANO: NO ROLE: Cross-linker

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

PROPYLENE GLYCOL ID: 57-55-6

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

ALUMINA TRIHYDRATE ID: 21645-51-2

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES:

ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS ID: 68439-57-6

%: 0.0500 - 0.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**ACETONE**

ID: 67-64-1

%: Impurity/Residual

GS: BM-2

RC: None

NANO: NO

ROLE: Impurity/Residual

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

DEVELOPMENTAL

MAK

Pregnancy Risk Group B

PHYSICAL HAZARD  
(REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES:

**SODIUM BENZOATE**

ID: 532-32-1

%: 0.0500 - 0.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**PENTAPOTASSIUM TRIPHOSPHATE**

ID: 13845-36-8

%: 0.0500 - 0.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

%: Impurity/Residual	GS: LT-UNK	RC: None	NANO: NO	ROLE: Impurity/Residual
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**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:****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**

CERTIFYING PARTY: Third Party  
 APPLICABLE FACILITIES: All  
 CERTIFICATE URL: [www.Benjaminmoore.com](http://www.Benjaminmoore.com)  
 CERTIFICATION AND COMPLIANCE NOTES:

**046 CHPS Certificate**

ISSUE DATE: 2017-02-20	EXPIRY DATE: 2019-02-20	CERTIFIER OR LAB: Berkley Analytical
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**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.

**Section 5: General Notes**



### MANUFACTURER INFORMATION

MANUFACTURER: Benjamin Moore & Co.

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### 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

**GLO** Global warming

**PHY** Physical Hazard (reactive)

**CAN** Cancer

**MAM** Mammalian/systemic/organ toxicity

**REP** Reproductive toxicity

**DEV** Developmental toxicity

**MUL** Multiple hazards

**RES** Respiratory sensitization

**END** Endocrine activity

**NEU** Neurotoxicity

**SKI** Skin sensitization/irritation/corrosivity

**EYE** Eye irritation/corrosivity

**OZO** Ozone depletion

**LAN** Land Toxicity

**GEN** Gene mutation

**PBT** Persistent Bioaccumulative Toxic

**NF** Not found on Priority Hazard Lists

#### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**LT-P1** List Translator Possible Benchmark 1

**BM-3** Benchmark 3 (use but still opportunity for improvement) BM-2  
Benchmark 2 (use but search for safer substitutes)

**LT-1** List Translator Likely Benchmark 1

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**LT-UNK** List Translator Benchmark Unknown (insufficient  
information from List Translator lists to benchmark)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** 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

**Nano** Composed of nanoscale particles or nanotechnology

#### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.