

HPD UNIQUE IDENTIFIER: 29122

CLASSIFICATION: 09 90 00 Painting and Coating

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

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
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

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

BENJAMIN MOORE FRESH START HIGH-HIDING ALL PURPOSE PRIMER [**WATER** BM-4 **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 | END | RES | MUL | AQU **SILICA, AMORPHOUS** BM-1 | CAN **ALCOHOLS, C9-11, ETHOXYLATED** LT-P1 | MUL **POLYETHYLENE GLYCOL (5) UNDECYL ETHER** NoGS **PENTAPOTASSIUM TRIPHOSPHATE** LT-UNK **SODIUM BENZOATE** LT-UNK **ACETONE** LT-P1 | END | DEV | EYE | PHY **ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS** LT-UNK **ALUMINA TRIHYDRATE** BM-2 | RES **PROPYLENE GLYCOL** BM-2 | END **HEXANEDIOIC ACID, DIHYDRAZIDE** LT-P1 | MUL **SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES, SHOWN TO CONTAIN LESS THAN 3 % DMSO AS MEASURED BY IP 346** LT-P1 | CAN]

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): 20.588 Regulatory (g/l): 48.080

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

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

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: 2022-07-08

PUBLISHED DATE: 2022-07-08

EXPIRY DATE: 2025-07-08

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

BENJAMIN MOORE FRESH START HIGH-HIDING ALL PURPOSE PRIMER

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Impurities considered where applicable

OTHER PRODUCT NOTES: None

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-08 16:52:17

#: 40.0000 - 50.0000 GS: BM-4 RC: None NANO: No SUBSTANCE ROLE: Solvent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-08 16:52:18

#: 10.0000 - 20.0000 GS: LT-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES: None

KAOLIN, CALCINED

ID: 92704-41-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-08 16:52:18		
#: 5.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
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: 2022-07-08 16:52:19		
#: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coalescent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
SUBSTANCE NOTES: None				

NEPHELINE SYENITE ID: **37244-96-5**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-08 16:52:19		
#: 1.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: None				

DIATOMACEOUS EARTH (UNCALCINED) ID: **61790-53-2**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-08 16:52:20		
#: 1.0000 - 5.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]		
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A-1B]		
SUBSTANCE NOTES: None				

ZINC OXIDE ID: **1314-13-2**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-08 16:52:20		
#: 0.1000 - 1.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Antioxidant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]

SUBSTANCE NOTES: None

SILICA, AMORPHOUS

ID: 7631-86-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-08 16:52:21		
%: Impurity/Residual	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]		
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]		

SUBSTANCE NOTES: None

ALCOHOLS, C9-11, ETHOXYLATED

ID: 68439-46-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-08 16:52:21		
%: 0.1000 - 1.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES: None

POLYETHYLENE GLYCOL (5) UNDECYL ETHER

ID: 34398-01-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-08 16:52:22		
%: 0.0500 - 0.5000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: None

PENTAPOTASSIUM TRIPHOSPHATE

ID: 13845-36-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-07-08 16:52:22%: 0.0500 - 0.5000 GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Corrosion inhibitor**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

SODIUM BENZOATE

ID: 532-32-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-07-08 16:52:22%: 0.0500 - 0.5000 GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Corrosion inhibitor**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

ACETONE

ID: 67-64-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-07-08 16:52:23%: **Impurity/Residual** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

END TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

DEV MAK Pregnancy Risk Group B

EYE EU - GHS (H-Statements) Annex 6 Table 3-1 H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

PHY EU - GHS (H-Statements) Annex 6 Table 3-1 H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]

SUBSTANCE NOTES: None

ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS

ID: 68439-57-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-07-08 16:52:23%: 0.0500 - 0.5000 GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

ALUMINA TRIHYDRATE

ID: 21645-51-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-07-08 16:52:24

#: Impurity/Residual GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SUBSTANCE NOTES: None		

PROPYLENE GLYCOL

ID: 57-55-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-08 16:52:24

#: Impurity/Residual GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SUBSTANCE NOTES: None		

HEXANEDIOIC ACID, DIHYDRAZIDE

ID: 1071-93-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-08 16:52:25

#: 0.0500 - 0.5000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Curing agent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SUBSTANCE NOTES: None		

**SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES,
SHOWN TO CONTAIN LESS THAN 3 % DMSO AS MEASURED BY IP 346**

ID: 64742-65-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-08 16:52:25

#: 0.0500 - 0.5000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Defoamer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
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

ISSUE DATE: 2019-05-03

EXPIRY DATE: 2022-05-03

CERTIFIER OR LAB: Berkeley Analytical

APPLICABLE FACILITIES: All

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: None

VOC EMISSIONS

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

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2021-06-25

EXPIRY DATE: 2023-06-24

CERTIFIER OR LAB: Berkley analytical

APPLICABLE FACILITIES: All

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

VOC EMISSIONS

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

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2021-06-25

EXPIRY DATE: 2023-06-24

CERTIFIER OR LAB: Berkley analytical

APPLICABLE FACILITIES: All

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

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

ISSUE DATE: 2019-08-28

EXPIRY DATE:

CERTIFIER OR LAB: None

APPLICABLE FACILITIES: All

CERTIFICATE URL:

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

Notes are not applicable for this product.

MANUFACTURER INFORMATION

MANUFACTURER: Benjamin Moore & Co.
ADDRESS: 360 Route 206
 Flanders NJ 07836, USA
WEBSITE: www.Benjaminmoore.com

CONTACT NAME: Edja Kouassi
TITLE: Sr. Technical Project Manager
PHONE: 973-252-2607
EMAIL: Edja.kouassi@benjaminmoore.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.