

CLASSIFICATION: 09 00 00.00 Finishes: Finishes

PRODUCT DESCRIPTION: This unique waterborne, acrylic primer minimizes flash rusting and protects steel from corrosion. Its low odor formula is ideal for use on interior and exterior ferrous and galvanized metal. This primer can be applied to slightly damp surfaces and adheres well to most hard to coat substrates. It can also be used to prime masonry substrates.

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

Explanation(s) provided
for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

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

ULTRA SPEC HP ACRYLIC METAL PRIMER (HP04) [WATER BM-4
METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE LT-
UNK TITANIUM DIOXIDE LT-1 | CAN | END KAOLIN CLAY LT-UNK | CAN
LINSEED OIL, POLYMER WITH PENTAERYTHRITOL, PHTHALIC
ANHYDRIDE AND POLYMD. LINSEED OIL LT-UNK TALC BM-3 | CAN
TRIZINC BIS(ORTHOPHOSPHATE) LT-P1 | AQU | MUL ZINC OXIDE BM-1 |
AQU | RES | MUL OCTYLPHENOXY POLYETHOXYETHANOL LT-P1 | END |
CAN | MUL 1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE
LT-UNK | CAN SILICA, AMORPHOUS LT-P1 | CAN SOLVENT NAPHTHA
(PETROLEUM), MEDIUM ALIPHATIC LT-P1 | MAM | END PROPYLENE
GLYCOL BM-2 | END ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM
SALTS LT-UNK XYLENES BM-1 | MAM | SKI | END | MUL | REP SODIUM
NITRITE LT-P1 | MAM | AQU | END | MUL | PHY SOLVENT-DEWAXED
HEAVY PARAFFINIC PETROLEUM DISTILLATES, SHOWN TO CONTAIN
LESS THAN 3 % DMSO AS MEASURED BY IP 346 LT-UNK ALUMINA
TRIHYDRATE BM-2 | RES CHLORITE UNK ZINC HYDROXIDE (ZN(OH)2) LT-
UNK 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE LT-P1 | END]

Number of Greenscreen BM-4/BM3 contents ... 2

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): 23.59

Regulatory (g/l): 50.402

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: ULTRA SPEC HP ACRYLIC METAL PRIMER (HP04)

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: 2017-06-08

PUBLISHED DATE: 2018-08-31

EXPIRY DATE: 2020-06-08



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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

ULTRA SPEC HP ACRYLIC METAL PRIMER (HP04)

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

ID: 7732-18-5

#: 35.0000 - 45.0000 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: None

METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE

ID: 25852-37-3

#: 10.0000 - 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: None

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: None

KAOLIN CLAY

ID: 1332-58-7

#: 5.0000 - 15.0000 GS: LT-UNK RC: None NANO: No ROLE: Extender filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: None

LINSEED OIL, POLYMER WITH PENTAERYTHRITOL, PHTHALIC ANHYDRIDE AND POLYMD. LINSEED OIL

ID: 68152-95-4

#: 1.0000 - 10.0000 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: None

TALC

ID: 14807-96-6

#: 1.0000 - 10.0000 GS: BM-3 RC: None NANO: No ROLE: Extender filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: None

TRIZINC BIS(ORTHOPHOSPHATE)

ID: 7779-90-0

#: 0.5000 - 5.0000 GS: LT-P1 RC: None NANO: No ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

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

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **None****ZINC OXIDE**ID: **1314-13-2**

#: **0.5000 - 5.0000** 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: **None****OCTYLPHENOXY POLYETHOXYETHANOL**ID: **9036-19-5**

#: **0.1000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Surfactant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
CANCER	EU - SVHC Authorisation List	Carcinogenic - Prioritized for listing
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: **None****1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE**ID: **25265-77-4**

#: **0.1000 - 1.0000** 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
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SUBSTANCE NOTES: **None**

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

SUBSTANCE NOTES: **None**

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC

ID: **64742-88-7**

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

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - GHS (H-Statements)

H304 - May be fatal if swallowed and enters airways

ORGAN TOXICANT

EU - GHS (H-Statements)

H372 - Causes damage to organs through prolonged or repeated exposure

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **None**

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: **None**

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: **None**

XYLENES

ID: **1330-20-7**

%: **Impurity/Residual** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B

SUBSTANCE NOTES: **None**

SODIUM NITRITE

ID: **7632-00-0**

%: **0.0200 - 0.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Additive**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H272 - May intensify fire; oxidiser

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**

%: **0.0200 - 0.2000** 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: **None**

ALUMINA TRIHYDRATE

ID: 21645-51-2

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

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

SUBSTANCE NOTES: None

CHLORITE

ID: 1318-59-8

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

ZINC HYDROXIDE (ZN(OH)2)

ID: 20427-58-1

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

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

ID: 6846-50-0

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

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

ULTRA SPEC HP ACRYLIC METAL PRIMER (HP04)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-03-08**

EXPIRY DATE: **2019-03-08**

CERTIFIER OR LAB: **Berkley Analytical**

APPLICABLE FACILITIES: **all**

CERTIFICATE URL: **www.Benjaminmoore.com**

CERTIFICATION AND COMPLIANCE NOTES:

VOC EMISSIONS

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

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-03-08**

EXPIRY DATE: **2020-03-08**

CERTIFIER OR LAB: **Berkeley Analytical**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

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**

ISSUE DATE: **2018-08-28**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

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 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	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)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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.