

ULTRA SPEC HP D.T.M. ACRYLIC SEMI-GLOSS ENAMEL (HP29) by Benjamin Moore & Co.

Health Product Declaration v2.0

CLASSIFICATION: 09 00 00.00 FINISHES: FINISHES

created via: HPDC Online Builder

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

CONTENT INVENTORY

<p>Threshold per material</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> 100 ppm <input type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Per OSHA MSDS <input type="radio"/> Other 	<p>Residuals and impurities considered in 1 of 1 materials</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> see Section 2: Material Notes <input type="radio"/> see Section 5: General Notes 	<p>Based on the selected Content Inventory Threshold:</p> <p>Characterized.....</p> <p>Are the Percent Weight and Role provided for all substances? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Screened.....</p> <p>Are all substances screened using Priority Hazard Lists with results disclosed? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Identified.....</p> <p>Are all substances disclosed by Name (Specific or Generic) and Identifier? <input checked="" type="radio"/> Yes <input type="radio"/> No</p>
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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 D.T.M. ACRYLIC SEMI-GLOSS ENAMEL (HP29) [WATER **BM-4** 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE, ETHENYL BENZENE AND 2-PROPENENITRILE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN | END KAOLIN CLAY **LT-UNK** | CAN 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE **LT-P1** | END NEPHELINE SYENITE **LT-UNK** TRIZINC BIS(ORTHOPHOSPHATE) **LT-P1** | AQU | MUL ETHYLENE GLYCOL, MONO(2-ETHYLHEXYL) ETHER **LT-UNK** ALUMINA TRIHYDRATE **BM-2** | RES SILICA, AMORPHOUS **LT-P1** | CAN RESIDUES (PETROLEUM), CATALYTIC REFORMER FRACTIONATOR, SULFONATED, POLYMERS WITH FORMALDEHYDE, SODIUM SALTS **LT-UNK** POLYETHYLENE GLYCOL NONYLPHENYL ETHER **BM-1tp** | END | PBT | MUL | REP | AQU | DEV 2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE) **LT-UNK** PROPYLENE GLYCOL **BM-2** | END ZINC HYDROXIDE (ZN(OH)2) **LT-UNK** POLOXANLENE **LT-UNK** POLYETHYLENE GLYCOL **LT-UNK** OCTYLPHENOXY POLYETHOXYETHANOL **LT-P1** | END | CAN | MUL WHITE MINERAL OIL **LT-UNK** WOLLASTONITE **LT-UNK** HYDROXYETHYL CELLULOSE **LT-P1** | END ETHYLENE GLYCOL **BM-1** | MAM | DEV | END POLYETHYLENE GLYCOL BENZYL (1,1,3,3-TETRAMETHYLBUTYL)PHENYL ETHER **UNK** POLY(OXY-1,2-ETHANEDIYL), ALPHA-TRIDECYL-OMEGA-HYDROXY-, PHOSPHATE, POTASSIUM SALT **LT-UNK** DIPROPYLENE GLYCOL MONOMETHYL ETHER **LT-UNK** FERRIC OXIDE YELLOW **LT-UNK** PIGMENT YELLOW 74 **LT-UNK** CARBON BLACK **LT-1** | CAN PYRROLO[3,4-C]PYRROLE-1,4-DIONE,3,6-BIS(4-CHLOROPHENYL)-2,5-DIHYDRO- **LT-UNK** IRON OXIDE **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): Regulatory (g/l): 50

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE

VOC emissions: ULTRA SPEC HP D.T.M. ACRYLIC SEMI-GLOSS ENAMEL (HP29)

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 and www.greenscreenchemicals.org.

ULTRA SPEC HP D.T.M. ACRYLIC SEMI-GLOSS ENAMEL (HP29) %: 1.0000 - 100.0000 HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes:

WATER

ID: 7732-18-5

%: 45.0000 - 55.0000

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, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE, ETHENYLBENZENE AND 2-PROPENENITRILE

ID: 29129-78-0

%: 25.0000 - 35.0000

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 CLAY

ID: 1332-58-7

%: 1.0000 - 10.0000

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:

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

ID: 6846-50-0

%: 1.0000 - 10.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES:

NEPHELINE SYENITE

ID: 37244-96-5

%: 1.0000 - 5.0000

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:

TRIZINC BIS(ORTHOPHOSPHATE)

ID: 7779-90-0

%: 1.0000 - 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 Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

ETHYLENE GLYCOL, MONO(2-ETHYLHEXYL) ETHER

ID: 1559-35-9

%: 0.5000 - 5.0000

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:

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:

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:

RESIDUES (PETROLEUM), CATALYTIC REFORMER FRACTIONATOR, SULFONATED, POLYMERS WITH FORMALDEHYDE, SODIUM SALTS

ID: 68425-94-5

%: Impurity/Residual

GS: LT-UNK

RC: None

NANO: NO

ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYETHYLENE GLYCOL NONYLPHENYL ETHER

ID: 9016-45-9

%: 0.1000 - 1.0000

GS: BM-1tp

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

EU - Priority Endocrine Disrupters

Category 1 - In vivo evidence of Endocrine Disruption Activity

PBT

OSPAR - Priority PBTs & EDs & equivalent concern

PBT - Chemical for Priority Action

ENDOCRINE

OSPAR - Priority PBTs & EDs & equivalent concern

Endocrine Disruptor - Substance of Possible Concern

ENDOCRINE

OSPAR - Priority PBTs & EDs & equivalent concern

Endocrine Disruptor - Chemical for Priority Action

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

EPA Chemical of Concern - Action Plan published

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

TSCA Work Plan chemical - Action Plan in development

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

REPRODUCTIVE

US EPA - PPT Chemical Action Plans

Reproductive effects

CHRON AQUATIC

US EPA - PPT Chemical Action Plans

Highly toxic to aquatic organisms

DEVELOPMENTAL

US EPA - PPT Chemical Action Plans

Developmental Effects

SUBSTANCE NOTES:

2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE)

ID: 94-28-0

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Coalescing agent

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:

ZINC HYDROXIDE (ZN(OH)2)

ID: 20427-58-1

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Antioxidant

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLOXANLENE

ID: 9003-11-6

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Surfactant

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYETHYLENE GLYCOL

ID: 25322-68-3

%: Impurity/Residual

GS: LT-UNK

RC: None

NANO: NO

ROLE: Impurity/Residual

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

OCTYLPHENOXY POLYETHOXYETHANOL

ID: 9036-19-5

%: 0.0500 - 0.5000

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:

WHITE MINERAL OIL

ID: 8042-47-5

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

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

WOLLASTONITE

ID: 13983-17-0

%: 0.0500 - 0.5000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Extender filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

HYDROXYETHYL CELLULOSE

ID: 9004-62-0

%: 0.0500 - 0.5000	GS: LT-P1	RC: None	NANO: NO	ROLE: Extender filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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SUBSTANCE NOTES:

ETHYLENE GLYCOL

ID: 107-21-1

%: Impurity/Residual	GS: BM-1	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity

DEVELOPMENTAL US NIH - Reproductive & Developmental Monographs Clear Evidence of Adverse Effects - Developmental Toxicity

ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES:

POLYETHYLENE GLYCOL BENZYL (1,1,3,3-TETRAMETHYLBUTYL)PHENYL ETHER ID: 60864-33-7

%: Impurity/Residual GS: UNK RC: None NANO: NO ROLE: Impurity/Residual

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

SUBSTANCE NOTES:

POLY(OXY-1,2-ETHANEDIYL), ALPHA-TRIDECYL-OMEGA-HYDROXY-, PHOSPHATE, POTASSIUM SALT ID: 68186-36-7

%: 0.0100 - 0.2500 GS: LT-UNK RC: None NANO: NO ROLE: Surfactant

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

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL MONOMETHYL ETHER ID: 34590-94-8

%: 0.0100 - 0.2000 GS: LT-UNK RC: None NANO: NO ROLE: Additive

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

SUBSTANCE NOTES:

FERRIC OXIDE YELLOW ID: 51274-00-1

%: 0.0001 - 10.0000 GS: LT-UNK RC: None NANO: NO ROLE: Color Pigment

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

SUBSTANCE NOTES:

PIGMENT YELLOW 74

ID: 6358-31-2

%: 0.0001 - 5.0000 GS: LT-UNK RC: None NANO: NO ROLE: Color Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CARBON BLACK

ID: 1333-86-4

%: 0.0001 - 5.0000 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
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES:

PYRROLO[3,4-C]PYRROLE-1,4-DIONE,3,6-BIS(4-CHLOROPHENYL)-2,5-DIHYDRO-

ID: 84632-65-5

%: 0.0001 - 5.0000 GS: LT-UNK RC: None NANO: NO ROLE: Color Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

%: 0.0001 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Color Pigment

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

CERTIFICATION AND COMPLIANCE NOTES:

ULTRA SPEC HP D.T.M. ACRYLIC SEMI-GLOSS ENAMEL (HP29)

ISSUE DATE: 2016-04-22

EXPIRY DATE: 2018-04-22

CERTIFIER OR LAB: Berkley Analytical

**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.