UGSL00-1 ULTRA-GRIP Select Int/Ext Multi-Surface Primer by DUNN-EDWARDS CORPORATION

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: Architectural Coating

PRODUCT DESCRIPTION: ULTRA-GRIP Select is a "Zero VOC" low odor acrylic multi-surface primer designed for a wide range of interior and exterior applications. It provides excellent adhesion to properly prepared drywall, wood, and masonry, as well as hard-to-stick surfaces, such as aged alkyd, aluminum, and galvanized metal. ULTRA-GRIP Select has very good stain blocking, hide, and excellent enamel holdout. It applies smoothly, dries fast, and is compatible with all Dunn-Edwards latex and alkyd finishes.

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

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

UGSL00-1 ULTRA-GRIP SELECT INT/EXT MULTI-SURFACE PRIMER [
WATER BM-4 ACRYLIC RESIN LT-UNK TALC, ASBESTOS-FREE BM-1 |
CAN KAOLIN CLAY LT-UNK | CAN RUTILE TITANIUM DIOXIDE LT-1 | CAN
PETROLEUM-BASED OIL LT-1 | CAN | MUL SILICON DIOXIDE, SYNTHETIC
AMORPHOUS LT-P1 | CAN CELLULOSE FIBER NoGS ANATASE TITANIUM
DIOXIDE LT-1 | CAN ALUMINUM HYDROXIDE BM-2 | RES TETRAMETHYL
DECYNE DIOL LT-UNK HYDROXYETHYL CELLULOSE LT-P1 | END
SODIUM NITRITE LT-P1 | AQU | PHY | MAM | END | MUL POLYETHYLENE
GLYCOL LT-UNK ZINC OXIDE BM-1 | RES | AQU | MUL TERBUTRYN LT-P1
| END | MUL CARBENDAZIM LT-1 | END | AQU | GEN | REP | MUL | DEL
DIBROMO NITRILOPROPIONAMIDE LT-P1 | END | MUL | SKI]

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): 1 Regulatory (g/l): 3

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)

VOC content: PRODUCT DATA SHEET

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- ○ Yes
- ◉ No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-07-24

PUBLISHED DATE: 2019-07-25

EXPIRY DATE: 2022-07-24

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

UGSL00-1 ULTRA-GRIP SELECT INT/EXT MULTI-SURFACE PRIMER

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Information on residuals and impurities has been obtained from raw material suppliers. Any residual or impurity known to be present in the finished product in a concentration at or above the reporting threshold of 100 ppm will be reported.

OTHER PRODUCT NOTES: NONE

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-24

%: 51.04 - 51.04 GS: BM-4 RC: None NANO: No ROLE: VEHICLE

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

SUBSTANCE NOTES: NONE

ACRYLIC RESIN

ID: 25586-20-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-24

%: 12.40 - 12.40 GS: LT-UNK RC: None NANO: No ROLE: BINDER

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

SUBSTANCE NOTES: NONE

TALC, ASBESTOS-FREE

ID: 14807-96-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-24

%: 12.39 - 12.39 GS: BM-1 RC: None NANO: No ROLE: REINFORCING PIGMENT

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: The IARC Group 2B classification applies only to perineal use of talc-based body powder, not to inhaled talc (asbestos-free). IARC's Overall Evaluation states: "Perineal use of talc-based body powder is possibly carcinogenic to humans (Group 2B). Inhaled talc not containing asbestos or asbestiform fibres is not classifiable as to its carcinogenicity (Group 3)." This ingredient is TALC NOT CONTAINING ASBESTOS OR ASBESTIFORM FIBERS, and is NOT associated with potential carcinogenic effects by route of inhalation. See, for example: http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2078026/

KAOLIN CLAY

ID: **1332-58-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **11.11 - 11.11** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **REINFORCING PIGMENT**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Kaolin Clay (CAS# 1332-58-7) is NOT listed as a known or possible carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

RUTILE TITANIUM DIOXIDE

ID: **1317-80-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **10.88 - 10.88** GS: **LT-1** RC: **None** NANO: **No** ROLE: **PRIME PIGMENT**

HAZARD TYPE	AGENCY AND LIST TITLES	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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: The IARC Monograph on titanium dioxide states at the conclusion of its summary chapter: "No significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints." Also, multiple epidemiological studies of titanium dioxide production workers with long-term occupational exposure to airborne titanium dioxide dust found no reliable correlation between exposure and incidence of lung cancer or other chronic lung diseases. NIOSH has determined that pigment-grade (fine particle size) titanium dioxide is NOT a potential occupational carcinogen. See, for example: https://www.cdc.gov/niosh/docs/2011-160/pdfs/2011-160.pdf

PETROLEUM-BASED OIL

ID: **64742-65-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.64 - 0.64** GS: **LT-1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: This Petroleum-Based Oil (a.k.a. Solvent-Dewaxed Heavy Paraffinic Petroleum Distillates -- CAS# 64742-65-0) is NOT listed as a known or possible carcinogen by ACGIH, IARC, NTP, or CA Prop 65. Also, this ingredient is a non-volatile oil that does not result in exposure by route of inhalation.

SILICON DIOXIDE, SYNTHETIC AMORPHOUS

ID: **7631-86-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.45 - 0.45** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: This ingredient is SYNTHETIC Amorphous Silicon Dioxide, and is NOT associated with potential carcinogenic effects. See, for example: http://www.ncbi.nlm.nih.gov/pubmed/11876495

CELLULOSE FIBER

ID: **65996-61-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.38 - 0.38** GS: **NoGS** RC: **None** NANO: **No** ROLE: **ADDITIVE**

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

SUBSTANCE NOTES: NONE

ANATASE TITANIUM DIOXIDE

ID: **1317-70-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.22 - 0.22** GS: **LT-1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: The IARC Monograph on titanium dioxide states at the conclusion of its summary chapter: "No significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints." Also, multiple epidemiological studies of titanium dioxide production workers with long-term occupational exposure to airborne titanium dioxide dust found no reliable correlation between exposure and incidence of lung cancer or other chronic lung diseases. NIOSH has determined that pigment-grade (fine particle size) titanium dioxide is NOT a potential occupational carcinogen. See, for example: https://www.cdc.gov/niosh/docs/2011-160/pdfs/2011-160.pdf

ALUMINUM HYDROXIDE

ID: **21645-51-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.22 - 0.22** GS: **BM-2** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: NONE

TETRAMETHYL DECYNE DIOL

ID: **126-86-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.07 - 0.07** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **ADDITIVE**

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

SUBSTANCE NOTES: NONE

HYDROXYETHYL CELLULOSE

ID: **9004-62-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.06 - 0.06** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: NONE

SODIUM NITRITE

ID: 7632-00-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.04 - 0.04** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H272 - May intensify fire; oxidiser
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

SUBSTANCE NOTES: NONE

POLYETHYLENE GLYCOL

ID: 25322-68-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.03 - 0.03** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **ADDITIVE**

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

SUBSTANCE NOTES: NONE

ZINC OXIDE

ID: 1314-13-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.02 - 0.02** GS: **BM-1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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

TERBUTRYN

ID: 886-50-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.02 - 0.02** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: NONE

CARBENDAZIM

ID: 10605-21-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.02 - 0.02** GS: **LT-1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 2 - In vitro evidence of biological activity related to Endocrine Disruption
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
GENE MUTATION	EU - GHS (H-Statements)	H340 - May cause genetic defects
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
GENE MUTATION	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
DEVELOPMENTAL	MAK	Pregnancy Risk Group B
GENE MUTATION	EU - Annex VI CMRs	Mutagen - Category 1B
GENE MUTATION	GHS - New Zealand	6.6A - Known or presumed human mutagens
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
GENE MUTATION	GHS - Japan	Germ cell mutagenicity - Category 1B
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
GENE MUTATION	GHS - Australia	H340 - May cause genetic defects
REPRODUCTIVE	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES: NONE

DIBROMO NITRILOPROPIONAMIDE

ID: 10222-01-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-07-24**

%: **0.01 - 0.01** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **ADDITIVE**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

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)**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Dunn-Edwards Phoenix Factory 520 South 67th Avenue Phoenix, AZ 85043
CERTIFICATE URL:

ISSUE DATE: 2018-01-29
EXPIRY DATE: 2020-01-29
CERTIFIER OR LAB: BERKELEY ANALYTICAL

CERTIFICATION AND COMPLIANCE NOTES: NONE

VOC CONTENT — **PRODUCT DATA SHEET**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Dunn-Edwards Phoenix Factory 520 South 67th Avenue Phoenix, AZ 85043
CERTIFICATE URL: https://de-production-media.s3.amazonaws.com/uploads/product_information_sheets/UGSL00/EN-UGSL00-PDS.PDF

ISSUE DATE: 2016-06-01
EXPIRY DATE: 2026-06-01
CERTIFIER OR LAB: DUNN-EDWARDS

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.

No accessories are required for this product.

Section 5: General Notes

THIS PRODUCT CONFORMS TO: ARB 2007 SCM & CALGREEN 2016; CHPS SECTION 01350; LEED V4.1 EQ CREDIT 2; MPI APPROVED PRODUCT #17.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **DUNN-EDWARDS CORPORATION**
ADDRESS: **DUNN-EDWARDS CORPORATION**
4885 EAST 52ND PLACE
VERNON CA 90058, USA
WEBSITE: **https://www.dunnedwards.com/**

CONTACT NAME: **ROBERT WENDOLL**
TITLE: **DIRECTOR OF ENVIRONMENTAL AFFAIRS**
PHONE: **323-826-2663**
EMAIL: **robert.wendoll@dunnedwards.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 (insuficient 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.