

CLASSIFICATION: 06 53 13.00

PRODUCT DESCRIPTION: NOVALIS HPC IS AN HPC (HIGH PERFORMANCE CORE) LUXURY VINYL FLOOR WITH A COMMERCIAL WEARLAYER FOR COMMERCIAL USE. IT IS A RIGID AND FLOATING FLOOR SYSTEM THAT CAN BE INSTALLED WITH MINIMAL SUBFLOOR PREPARATION. INSTALLATION IS EASY WITH AN ANGLE DROP LOCKING SYSTEM AND PRE-ATTACHED CORK UNDERLAYMENT FOR IMPROVED ACOUSTIC PERFORMANCE AND AN IMPACT INSULATION (IIC) RATING OF 54. INSTALL NOVALIS HPC IN MOISTURE-PRONE AREAS WITH CONFIDENCE BECAUSE IT IS WATERPROOF. IT ALSO HAS THE NOVASHIELD/AMP PU COATING THAT IS MORE SCRATCH RESISTANT THAN STANDARD PU COATINGS FOR LVT. NOVALIS HPC IS MADE 100% PHTHALATE FREE AND REACH COMPLIANT. IT CARRIES 10-YEAR COMMERCIAL AND LIFETIME RESIDENTIAL WARRANTIES.

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

NOVALIS HPC [CALCIUM CARBONATE BM-3 POLYVINYL CHLORIDE (PVC) LT-P1 | RES CORK Not Screened PU GLUE Not Screened OCTADECANOIC ACID Not Screened METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE LT-UNK BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3 CA-ZN COMPLEX STABILIZER Not Screened METHYLMETHACRYLATE-BUTADIENE-STYRENECO POLYMER RESIN Not Screened 1,1'-AZOBIS(FORMAMIDE) LT-UNK | RES EPOXIDIZED SOYBEAN OIL LT-UNK STEARIC ACID LT-P1 | END STEARIC ACID LT-P1 | END CALCIUM STEARATE LT-UNK ZINC STEARATE LT-UNK ETHENE, HOMOPOLYMER, OXIDIZED LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | EYE | MUL CARBON BLACK LT-1 | CAN 2-PROPENOIC ACID, ISODECYL ESTER LT-P1 | MUL TRIPROPYLENE GLYCOL DIACRYLATE LT-P1 | AQU | SKI | EYE | MUL 1H-ISOINDOLE-1,3(2H)-DIONE, 4,5,6,7-TETRACHLORO-2-[2- (4,5,6,7-TETRACHLORO-2,3-DIHYDRO-1,3-DIOXO-1H-INDEN -2-YL)-8-QUINOLINYL]- LT-UNK BENZOPHENONE LT-1 | CAN | END HYDROXYCYCLOHEXYL PHENYL KETONE LT-UNK 2-N-BUTYL-BENZO[D]ISOTHIAZOL-3-ONE LT-P1 | AQU | SKI ETHYLBENZENE BM-2 | CAN | PHY | MAM | SKI | REP 1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL- LT-UNK SILICA GEL LT-UNK XYLENES BM-1 | SKI | END | MUL | REP]

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:

As per the substances' CAS numbers, Octadecanoic Acid and Epoxy Resin, are very new, GreenScreen Benchmark or LT scores have not been calculated yet. This is the reason why screening data is not available in the HPD Builder.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: RFCI FloorScore

VOC emissions: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-11-14

PUBLISHED DATE: 2018-11-15

EXPIRY DATE: 2021-11-14



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

NOVALIS HPC

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: No Residuals and Impurities are considered because they do not affect the performance of the product

OTHER PRODUCT NOTES: None

CALCIUM CARBONATE

ID: 471-34-1

#: 46.9200 - 46.9200 GS: BM-3 RC: None NANO: No ROLE: main content

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: main content

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: 37.8300 - 37.8300 GS: LT-P1 RC: None NANO: No ROLE: main content

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: main content

CORK

ID: Not Registered

#: 2.5900 - 2.5900 GS: Not Screened RC: None NANO: No ROLE: underlay

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: underlay

PU GLUEID: **Not Registered**%: **2.4000 - 2.4000** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Reactive PUR Glue**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Reactive PUR Glue****OCTADECANOIC ACID**ID: **Not Registered**%: **2.3200 - 2.3200** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **plasticizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **plasticizer****METHYL METHACRYLATE, COPOLYMER WITH BUTYL ACRYLATE**ID: **25852-37-3**%: **2.2100 - 2.2100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Acrylic Processing Aid LP-90**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Acrylic Processing Aid LP-90****BIS(2-ETHYLHEXYL) TEREPHTHALATE**ID: **6422-86-2**%: **1.7100 - 1.7100** GS: **BM-3** RC: **None** NANO: **No** ROLE: **plasticizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **plasticizer****CA-ZN COMPLEX STABILIZER**ID: **Not Registered**%: **1.6700 - 1.6700** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **stabilizing agent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **stabilizing agent**

METHYLMETHACRYLATE-BUTADIENE-STYRENE CO POLYMER RESINID: **Not Registered**

%: 0.6300 - 0.6300	GS: Not Screened	RC: None	NANO: No	ROLE: Modifier
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Modifier MBS LB-564****1,1'-AZOBIS(FORMAMIDE)**ID: **123-77-3**

%: 0.3600 - 0.3600	GS: LT-UNK	RC: None	NANO: No	ROLE: blowing agent
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY**AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced****RESPIRATORY****EU - GHS (H-Statements)****H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled**SUBSTANCE NOTES: **blowing agent MSV-206****EPOXIDIZED SOYBEAN OIL**ID: **8013-07-8**

%: 0.3300 - 0.3300	GS: LT-UNK	RC: None	NANO: No	ROLE: ESO
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **ESO****STEARIC ACID**ID: **57-11-4**

%: 0.2400 - 0.2400	GS: LT-P1	RC: None	NANO: No	ROLE: Internal lubricant
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**SUBSTANCE NOTES: **Internal lubricant for PVC G-60****STEARIC ACID**ID: **57-11-4**

%: 0.2400 - 0.2400	GS: LT-P1	RC: None	NANO: No	ROLE: Internal lubricant
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

SUBSTANCE NOTES: Internal lubricant for PVC G-60

CALCIUM STEARATE

ID: 1592-23-0

%: **0.2000 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: stabilizer

ZINC STEARATE

ID: 557-05-1

%: **0.1500 - 0.1500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: stabilizer

ETHENE, HOMOPOLYMER, OXIDIZED

ID: 68441-17-8

%: **0.0900 - 0.0900** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Lubricant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: OPE WAX

TITANIUM DIOXIDE

ID: 13463-67-7

%: **0.0700 - 0.0700** GS: **LT-1** RC: **None** NANO: **No** ROLE: **film opacity**

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

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low

SUBSTANCE NOTES: film opacity

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

%: **0.0438 - 0.0438** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **pu coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: pu coating

CARBON BLACK

ID: 1333-86-4

%: **0.0300 - 0.0300** GS: **LT-1** RC: **None** NANO: **No** ROLE: **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: pigment

2-PROPENOIC ACID, ISODECYL ESTER

ID: 1330-61-6

%: **0.0125 - 0.0438** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **PU coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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

TRIPROPYLENE GLYCOL DIACRYLATE

ID: 42978-66-5

%: **0.0125 - 0.0250** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **pu coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: pu coating

1H-ISOINDOLE-1,3(2H)-DIONE, 4,5,6,7-TETRACHLORO-2-[2- (4,5,6,7-TETRACHLORO-2,3-DIHYDRO-1,3-DIOXO-1H-INDEN -2-YL)-8-QUINOLINYL]-

ID: 30125-47-4

%: **0.0030 - 0.0030** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: pigment

BENZOPHENONE

ID: 119-61-9

%: **0.0000 - 0.0100** GS: **LT-1** RC: **None** NANO: **No** ROLE: **pu coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	IARC	Group 2B - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: pu coating

HYDROXYCYCLOHEXYL PHENYL KETONE

ID: 947-19-3

%: **0.0000 - 0.0075** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **pu coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: pu coating

2-N-BUTYL-BENZO[D]ISOTHIAZOL-3-ONE

ID: 4299-07-4

#: 0.0000 - 0.0025 GS: LT-P1 RC: None NANO: No ROLE: pu coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES: pu coating

ETHYLBENZENE

ID: 100-41-4

#: 0.0000 - 0.0075 GS: BM-2 RC: None NANO: No ROLE: pu coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	IARC	Group 2B - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B

SUBSTANCE NOTES: pu coating

1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-

ID: 7473-98-5

#: 0.0000 - 0.0063 GS: LT-UNK RC: None NANO: No ROLE: pu coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: pu coating

SILICA GEL

ID: 112926-00-8

%: **0.0000 - 0.0038** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **pu coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **pu coating****XYLENES**

ID: 1330-20-7

%: **0.0000 - 0.0038** GS: **BM-1** RC: **None** NANO: **No** ROLE: **pu coating**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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: **pu coating**

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

RFCI FloorScore

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-05-01**

EXPIRY DATE: **2019-04-30**

CERTIFIER OR LAB: **SCS Global Services**

APPLICABLE FACILITIES: **school classroom and private office parameters**

CERTIFICATE URL:

<https://www.scsglobalservices.com>

CERTIFICATION AND COMPLIANCE NOTES:

VOC EMISSIONS

UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-05-09**

EXPIRY DATE: **2019-11-03**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **school office public place and hospitals**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

FORMALDEHYDE EMISSIONS

ASTM D5582 Formaldehyde HPC PP 655

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2016-11-02**

EXPIRY DATE:

CERTIFIER OR LAB: **Professional Testing Laboratory Inc**

APPLICABLE FACILITIES: **school classroom and private office parameters**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

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

NOVALIS HPC IS AN HPC (HIGH PERFORMANCE CORE) LUXURY VINYL FLOOR WITH A COMMERCIAL WEARLAYER FOR COMMERCIAL USE. IT IS A RIGID AND FLOATING FLOOR SYSTEM THAT CAN BE INSTALLED WITH MINIMAL SUBFLOOR PREPARATION. INSTALLATION IS EASY WITH AN ANGLE DROP LOCKING SYSTEM AND PRE-ATTACHED CORK UNDERLAYMENT FOR IMPROVED ACOUSTIC PERFORMANCE AND AN IMPACT INSULATION (IIC) RATING OF 54. INSTALL NOVALIS HPC IN MOISTURE-PRONE AREAS WITH CONFIDENCE BECAUSE IT IS WATERPROOF. IT ALSO HAS THE NOVASHIELD/AMP PU COATING THAT IS MORE SCRATCH RESISTANT THAN STANDARD PU COATINGS FOR LVT. NOVALIS HPC IS MADE 100% PHTHALATE FREE AND



MANUFACTURER INFORMATION

MANUFACTURER: **Novalis**

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Zone Zhenjiang, Jiangsu 212131

Zhenjiang Jiangsu 212131, China

WEBSITE: **www.novalis-intl.com**

CONTACT NAME: **Jane Chen**

TITLE: **Product Assistant**

PHONE: **18951286965**

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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

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 (insufficient 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.