Techstyle White by CertainTeed Ceilings

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 51 13 & 09 83 00

PRODUCT DESCRIPTION: Large format, lightweight, T-grid-concealing, mineral-coated composite core acoustical panels for interior ceilings and walls. Techstyle composites are made from 3D formed, formaldehyde-free mineral fiber non-woven reinforcement material in order to minimize the use of raw materials. Techstyle White is available in panel sizes up to 48"x72" and 24"x 96" in one shade of highly reflective white.

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

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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

TECHSTYLE WHITE [CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK UNDISCLOSED NoGS UNDISCLOSED LT-P1 | RES
POLYETHYLENE TEREPHTHALATE (PET) LT-UNK AMYLOPECTIN, 2-HYDROXY-3-(TRIMETHYLAMMONIO)PROPYL ETHER, CHLORIDE NoGS UNDISCLOSED LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK TALC BM-1 | CAN
UNDISCLOSED NoGS CALCIUM STEARATE LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED BM-2 UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | PBT | DEL | MUL
UNDISCLOSED LT-1 | PBT | SKI | DEL | MAM | MUL UNDISCLOSED LT-P1 | MUL]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

CertainTeed worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

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: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- ◉ Yes
- ○ No

PREPARER: ToxServices LLC
VERIFIER: SCS Global Services
VERIFICATION #: qGE-6136

SCREENING DATE: 2019-02-14
PUBLISHED DATE: 2019-02-14
EXPIRY DATE: 2022-02-14

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

TECHSTYLE WHITE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: CertainTeed worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

OTHER PRODUCT NOTES:

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-14

%: 65.2100 - 65.2100 GS: LT-UNK RC: None NANO: No ROLE: Structure Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	*3rd Party Screened*

SUBSTANCE NOTES: The HPDC Approved Preparer worked with CertainTeed's proprietary suppler to obtain formulation disclosure on the fiberglass component. The supplier was unable to provide a final CAS# for the fiberglass component, but was able to identify that the fiberglass is in accordance with ASTM D 578 for fiberglass.

ASTM D 578 covers requirements for continuous fiber and staple fiber glass strands, including single, plied and multiple wound. ASTM D 578 also covers textured glass fiber yarns. It is one of a series to provide a substitute for Military Specifications: MIL-Y-1140 Yarn, Cord, Sleeving, Cloth and Tape-Glass; and MIL-C-9084 Cloth, Glass Finished for Resin Laminates. The nominal twist in S and Z directions and breaking strength of the continuous filament yarns shall conform to the specified requirements. The fibers shall be free of any free alkali metal oxides, such as soda or potash, and from foreign particles, dirt, and other impurities. The direction of twist, twist level, filament diameter, breaking strength, and ignition loss (organic content) of the fiber shall be tested (ASTM 2018) (https://www.astm.org/Standards/D578.htm)

With this information, the HPDC Approved Preparer was able to to determine that any CAS# listing that is associated with fiberglass under the HPD 2.1 Builder Tool results in a List Translator screen of LT-UNK.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-14

%: 10.8800 - 10.8800 GS: NoGS RC: None NANO: No ROLE: Structure Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	*3rd Party Screened*

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **9.6900 - 10.9000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure Component**

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

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

POLYETHYLENE TEREPHTHALATE (PET)

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **5.3300 - 5.3300** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

AMYLOPECTIN, 2-HYDROXY-3-(TRIMETHYLAMMONIO)PROPYL ETHER, CHLORIDE

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **1.4800 - 1.4800** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.1300 - 0.1300** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.1200 - 0.6100** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant Component**

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
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 risk under MAK/BAT levels

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.1 Builder Tool.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.1200 - 1.2100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.1200 - 1.2100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0200 - 0.0800** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Filler Component**

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

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The GreenScreen® Benchmark assessment score of BM-1 was provided through the HPD 2.1 Builder Tool.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 4.7200** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

CALCIUM STEARATE

ID: 1592-23-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 0.6100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 4.7200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	***3rd Party Screened***

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 4.7200** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	***3rd Party Screened***

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually. The GreenScreen® Benchmark assessment score of BM-2 was provided through the HPD 2.1 Builder Tool.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 4.7200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	***3rd Party Screened***

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 0.6100** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure Component**

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

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 0.6100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 0.1200** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 0.1200** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-02-14**

%: **0.0100 - 0.0600** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

3rd Party Screened

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

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 — **UL/GreenGuard Gold Certified**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All - Certificate #6553-420
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e81d55b0e82d946a0ba1?keywords=hunter%2Bdouglas%2Btechstyle%2Be&page_type=Products%20Catalog

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2009-03-11	2019-02-16	UL

CERTIFICATION AND COMPLIANCE NOTES: Greenguard Gold, Certificate # 44933-420: Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of 0.82 hr^{-1} and a loading of 94.60 m^2. ; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of 0.68 hr^{-1} and a loading of 33.40 m^2. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.

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

CertainTeed worked with a HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **CertainTeed Ceilings**
ADDRESS: **11500 East 53rd Ave. Suite D**
Denver CO 80239, USA
WEBSITE: **www.CTSpecialtyCeilings.com**

CONTACT NAME: **Taylor Hemingway**
TITLE: **Associate Product Manager**
PHONE: **720 872 7803**
EMAIL: **Taylor.L.Hemingway@saint-gobain.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.