CEG-IG 100% Solids Industrial Grade Epoxy Grout by Custom Building Products

Health Product Declaration v2.1

CLASSIFICATION: 04 05 16.16 Chemical-Resistant Masonry Grouting

created via: HPDC Online Builder

PRODUCT DESCRIPTION: CEG-IG is an industrial grade, water cleanable, 100% solids epoxy grout that has high chemical, temperature and stain resistance. It is formulated for harsh environments such as commercial kitchens and food processing facilities. CEG-IG is a two component epoxy system that combines a pigmented hardener with epoxy resins and recycled aggregates to fill joint widths from 1/16" to 1/2" (1.6-13mm) and won't shrink or sag. With its fast cure time, CEG-IG provides a quick return to service. CEG-IG is compatible with both CEG-Lite Part A and CEG Part A epoxy grout color pigment and hardener products.

Section 1: Summary

Nested 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
Residuals/Impurities Considered in 2 of 2 Materials

Explanation(s) provided for Residuals/Impurities?
- (•) Yes ( ) No

Are All Substances Above the Threshold Indicated:

Characterized
Percent Weight and Role Provided?
- (•) Yes ( ) No

Screened
Using Priority Hazard Lists with Results Disclosed?
- (•) Yes ( ) No

Identified
Name and Identifier Provided?
- ( ) Yes (•) No

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

CEG-IG 100% SOLIDS INDUSTRIAL GRADE EPOXY GROUT PART B [
QUARTZ (QUARTZ) LT-1 | CAN FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL (FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL) LT-P1 | MUL GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) (GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)) LT-UNK BENZYL ALCOHOL (BENZYL ALCOHOL) BM-2 | MAM PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER (PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER) LT-P1 | MUL TITANIUM DIOXIDE (TITANIUM DIOXIDE) LT-1 | CAN | END ((3-(TRIMETHOXYSILYL)PROPOXY)METHYL)OXIRANE (((3-(TRIMETHOXYSILYL)PROPOXY)METHYL)OXIRANE) LT-P1 | MUL N,N'-ETHYLENEBIS-12-HYDROXYSTEARAMIDE (N,N'-ETHYLENEBIS-12-HYDROXYSTEARAMIDE) NoGS BENTONITE (BENTONITE) LT-UNK] CEG-LITE™ 100% SOLIDS COMMERCIAL EPOXY GROUT PART A [
DIETHYLENETRIAMINE (DIETHYLENETRIAMINE) LT-P1 | MAM | SKI | REP
TITANIUM DIOXIDE (TITANIUM DIOXIDE) LT-1 | CAN | END ISOPHORONE DIAMINE (ISOPHORONE DIAMINE) LT-P1 | MAM | SKI | AQU | MUL
UNDISCLOSED BM-1 | EYE | SKI | AQU | REP | END | DEL | MUL BENZYL ALCOHOL (BENZYL ALCOHOL) BM-2 | MAM QUARTZ (QUARTZ) LT-1 | CAN
TETRAETHYLENEPENTAMINE (TETRAETHYLENEPENTAMINE) LT-P1 | MAM | SKI | AQU | MUL FUMED SILICA, CRYSTALLINE-FREE (FUMED SILICA, CRYSTALLINE-FREE) LT-UNK IRON OXIDE (IRON OXIDE) LT-UNK | CAN FERRIC OXIDE (FERRIC OXIDE) BM-2 | CAN IRON HYDROXIDE OXIDE YELLOW (IRON HYDROXIDE OXIDE YELLOW) LT-UNK]

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:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 50 Regulatory (g/l): 50
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

No certifications have been added to this HPD.

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2017-11-14
PUBLISHED DATE: 2017-11-14
EXPIRY DATE: 2020-11-14

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

CEG-IG 100% SOLIDS INDUSTRIAL GRADE EPOXY GROUT PART B

%: 90.0000 **HPD URL:**

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and imputities considered.

OTHER MATERIAL NOTES:

QUARTZ (QUARTZ)

ID: **14808-60-7**

%: **60.0000 - 100.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Aggregate**

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 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL (FORMALDEHYDE, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND PHENOL)

ID: **9003-36-5**

%: **10.0000 - 30.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Epoxy Resin**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) (GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED))

ID: **65997-17-3**

%: **7.0000 - 13.0000** GS: **LT-UNK** RC: **PostC** NANO: **No** ROLE: **Lightweight Aggregate**

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

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

BENZYL ALCOHOL (BENZYL ALCOHOL)

ID: **100-51-6**

%: **1.0000 - 5.0000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Viscosity Modifier**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER (PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER)

ID: **28064-14-4**

%: **1.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Epoxy Resin**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: **13463-67-7**

%: **0.0000 - 1.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **White 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: Ranges given due to batch to batch variability.

((3-(TRIMETHOXYSILYL)PROPOXY)METHYL)OXIRANE (((3-(TRIMETHOXYSILYL)PROPOXY)METHYL)OXIRANE)

ID: **2530-83-8**

%: **0.0000 - 0.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Adhesion Promoter**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

N,N'-ETHYLENEBIS-12-HYDROXYSTEARAMIDE (N,N'-ETHYLENEBIS-12-HYDROXYSTEARAMIDE)

ID: **123-26-2**

%: **0.0000 - 0.2500** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Rheology Modifier**

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

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

BENTONITE (BENTONITE)

ID: **1302-78-9**

%: **0.0000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Rheology Modifier**

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

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

CEG-LITE™ 100% SOLIDS COMMERCIAL EPOXY GROUT PART A

%: 10.0000 **HPD URL:**

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals considered. Product contains crystalline silica although it is non-respirable.

OTHER MATERIAL NOTES:

DIETHYLENETRIAMINE (DIETHYLENETRIAMINE)

ID: **111-40-0**

%: **10.0000 - 20.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Amine Hardener**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed

SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
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
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: **13463-67-7**

%: **10.0000 - 30.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **White 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: Ranges given due to batch to batch variability.

ISOPHORONE DIAMINE (ISOPHORONE DIAMINE)

ID: **2855-13-2**

%: **7.0000 - 15.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Amine Hardener**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

UNDISCLOSED

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

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
EYE IRRITATION	EU - R-phrases	R41 - Risk of serious damage to eyes
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility
ENDOCRINE	EU - Priority Endocrine Disrupters	Category 1 - In vivo evidence of Endocrine Disruption Activity
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Substance of Possible Concern
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Some Evidence of Adverse Effects - Reproductive Toxicity
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
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
REPRODUCTIVE	EU - GHS (H-Statements)	H360F - May damage fertility
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance SP - Danger of photocontact sensitization
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

BENZYL ALCOHOL (BENZYL ALCOHOL)

ID: **100-51-6**

%: **3.0000 - 9.0000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Viscosity Modifier**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

QUARTZ (QUARTZ)

ID: **14808-60-7**

%: **1.7500 - 2.5000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Aggregate**

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 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

TETRAETHYLENEPENTAMINE (TETRAETHYLENEPENTAMINE)

ID: **112-57-2**

%: **1.0000 - 2.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Amine Hardener**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - 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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

FUMED SILICA, CRYSTALLINE-FREE (FUMED SILICA, CRYSTALLINE-FREE)

ID: **112945-52-5**

%: **0.7500 - 1.2500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Rheology Modifier**

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

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

IRON OXIDE (IRON OXIDE)

ID: **1317-61-9**

%: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Black Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

FERRIC OXIDE (FERRIC OXIDE)

ID: **1309-37-1**

%: **0.0000 - 10.0000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Red Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

IRON HYDROXIDE OXIDE YELLOW (IRON HYDROXIDE OXIDE YELLOW)

ID: **20344-49-4**

%: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Yellow Pigment**

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

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

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.

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

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Custom Building Products**
ADDRESS: **10400 Pioneer Blvd Unit 3**
Santa Fe Springs California 90670, United States
WEBSITE:
http://www.custombuildingproducts.com/products/grout-materials/epoxy-grout/ceg-ig.aspx#

CONTACT NAME: **Tim Kennedy**
TITLE: **Compliance Steward**
PHONE: **5629682980**
EMAIL: **timk@cbpmail.net**

KEY

OSHA MSDS	Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS	Globally Harmonized System of Classi cation 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)
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)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspeci ed (insu cient data to benchmark)
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 produc

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

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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.