

CLASSIFICATION: 09 30 00

PRODUCT DESCRIPTION: ECO2 FINAL FINISH™ is a fast-setting/fast-curing, ultra-smooth and fine, polymer-modified calcium aluminate cement-based skimcoating and patching compound. The product is used to skim-coat surfaces and fill cracks, depressions, voids and holes in substrates up to 1/2" (12 mm) deep and can also be used as an embossing leveler.

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 10 of 11 Materials

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 except SC substances characterized according to SC guidance.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

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

CEMENT [**UNDISCLOSED** LT-UNK **PORTLAND CEMENT** LT-P1 | END |
CAN] **SC:GEOMAT:MATERIALA** [**SC:GEOMAT_A** Not Screened
SC:GEOMAT_B Not Screened] **BINDER A** [**UNDISCLOSED** NoGS
UNDISCLOSED LT-UNK | **EYE**] **POLYMER** [**UNDISCLOSED** LT-UNK
UNDISCLOSED LT-UNK **UNDISCLOSED** LT-UNK | CAN **UNDISCLOSED** LT-
UNK] **BINDER B** [**UNDISCLOSED** LT-UNK **UNDISCLOSED** BM-4]
CELLULOSE [**UNDISCLOSED** LT-UNK | RES] **SC:GEOMAT:MATERIALB** [**SC:GEOMAT_C** Not Screened **SC:QUARTZ** Not Screened]
SC:GEOMAT:MATERIALC [**SC:GEOMAT_D** Not Screened] **CELLULOSE**
ETHER [**UNDISCLOSED** LT-UNK **UNDISCLOSED** LT-UNK **UNDISCLOSED**
BM-4 **UNDISCLOSED** LT-UNK] **ADDITIVE B** [**UNDISCLOSED** LT-UNK]
ADMIXTURE [**UNDISCLOSED** LT-UNK **UNDISCLOSED** LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
Nanomaterial ... Yes

INVENTORY AND SCREENING NOTES:

Special conditions applied: GeologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

HPD prepared using a Nested Materials Inventory with a product threshold at 1,000 ppm. ECO2 FINAL FINISH™ contains materials with Special Conditions (Geological material) as per the HPDC. Substances present in ECO2 FINAL FINISH™, as well as known residuals and impurities, have been disclosed at 1,000 ppm. More details about how residuals and impurities were considered are available in the appropriate sections.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.00 Regulatory (g/l): 0.00
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario
VOC content: N/A

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: Vertima
VERIFIER:

SCREENING DATE: 2020-05-11
PUBLISHED DATE: 2020-05-11

Yes
 No

VERIFICATION #:

EXPIRY DATE: 2023-05-11



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

CEMENT

#: 30.00 - 50.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Suppliers indicated no residuals or impurities.

OTHER MATERIAL NOTES: Hydraulic binder for concretes.

Ranges are used to protect confidentiality or is due to batch variation.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-11

#: 75.00 - 85.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Active ingredient

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Does not contain any detectable quantities of free lime or free crystalline silica (such as quartz, tridymite or cristobalite).

PORTLAND CEMENT

ID: 65997-15-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-11

#: 15.00 - 25.00

GS: LT-P1

RC: None

NANO: No

ROLE: Active ingredient

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: The structure of Portland cement may contain the following in some concentration ranges: Calcium oxide (1305-78-8), Quartz (14808-60-7), Hexavalent chromium (18540-29-9). Hexavalent chromium is associated with dermal sensitivity.

SC:GEOMAT:MATERIALA

#: 20.00 - 40.00

RESIDUALS AND IMPURITIES NOTES: Material may contain incidental trace levels of naturally-occurring metals (< 1 ppm). However, no metals are intentionally added.

OTHER MATERIAL NOTES: SpecialConditionApplied:GeologicalMaterial --- Material derived from natural ore. Ranges are used to protect confidentiality or is due to batch variation.

SC:GEOMAT_A

ID: SC:GeoMat

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

%: **99.00 - 100.00** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCGeoMats/2018-02-23

Origin: Canada

Typical Composition: Not available

Potential presence of toxic metals: May contain incidental trace levels of naturally-occurring metals (< 1 ppm). However, no metals are intentionally added.

Presence of Radioactive Elements: None declared

Green Screen Score: LT-UNK

SC:GEOMAT_B

ID: SC:GeoMat

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

%: **Impurity/Residual** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCGeoMats/2018-02-23

Origin: Canada

Typical Composition: Not available

Potential presence of toxic metals: May contain incidental trace levels of naturally-occurring metals (< 1 ppm). However, no metals are intentionally added.

Presence of Radioactive Elements: None declared

Green Screen Score: LT-1

BINDER A

%: **5.00 - 25.00**

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities reported by the supplier.

OTHER MATERIAL NOTES: Ranges are used to protect confidentiality or is due to batch variation.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **99.89**

GS: **NoGS**

RC: **PreC**

NANO: **No**

ROLE: **Main ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **All content is from pre-consumer source.
Substance is undisclosed as this is proprietary data.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **0.11**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Fluidizer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES: **Substance is undisclosed as this is proprietary data.**

POLYMER

#: 5.00 - 25.00

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities present below the threshold level.**

OTHER MATERIAL NOTES: **Ranges are used to protect confidentiality or is due to batch variation.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **68.00 - 80.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Substance is undisclosed as this is proprietary data.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **5.00 - 15.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Substance is undisclosed as this is proprietary data.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **1.00 - 5.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: **Substance is undisclosed as this is proprietary data.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **0.00 - 15.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Protective colloid**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Substance is undisclosed as this is proprietary data.**

BINDER B

#: 1.00 - 5.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Metal impurities present below 1000 ppm. No residuals reported by the supplier.

OTHER MATERIAL NOTES: Ranges are used to protect confidentiality or is due to batch variation.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-11

#: 45.00 - 60.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Active ingredient

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance is undisclosed as this is proprietary data.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-11

#: 40.00 - 55.00

GS: BM-4

RC: None

NANO: No

ROLE: Ingredient

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance is undisclosed as this is proprietary data.

CELLULOSE

#: 1.00 - 5.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities present in the material. Backed by internal or external testing.

OTHER MATERIAL NOTES: Ranges are used to protect confidentiality or is due to batch variation.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **100.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **Substance is undisclosed as this is proprietary data.**

SC:GEOMAT:MATERIALB

#: 1.00 - 5.00

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **This product may contain impurities, crystalline silica, in quantity up to 3%.**

OTHER MATERIAL NOTES: **SpecialConditionApplied:GeologicalMaterial --- Ranges are used to protect confidentiality or is due to batch variation.**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

%: **97.00 - 100.00**
 GS: **Not Screened**
 RC: **None**
 NANO: **No**
 ROLE: **Viscosity modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCGeoMats/2018-02-23
Origin: United States
Typical Composition: This disclosure does not provide typical composition.
Potential presence of toxic metals: Not declared
Presence of Radioactive Elements: None declared

Green Screen Score: LT-UNK

SC:QUARTZ

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

%: **Impurity/Residual**
 GS: **Not Screened**
 RC: **None**
 NANO: **No**
 ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCGeoMats/2018-02-23
Origin: United States
Typical Composition: This disclosure does not provide typical composition.
Potential presence of toxic metals: Not declared
Presence of Radioactive Elements: Not declared

Green Screen Score: LT-1

SC:GEOMAT:MATERIALC

%: **1.00 - 5.00**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **No residuals or impurities reported by the supplier.**

OTHER MATERIAL NOTES: **SpecialConditionApplied:GeologicalMaterial --- Ranges are used to protect confidentiality or is due to batch variation.**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **100.00**

GS: **Not Screened**

RC: **None**

NANO: **No**

ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCGeoMats/2018-02-23

Origin: United States

Typical Composition: This disclosure does not provide typical composition.

Potential presence of toxic metals: None declared

Presence of Radioactive Elements: None declared

Green Screen Score: LT-UNK

CELLULOSE ETHER

#: **0.10 - 1.00**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals indentified by the supplier. Can contain traces of metals (<120ppm).**

OTHER MATERIAL NOTES: **Ranges are used to protect confidentiality or is due to batch variation.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **87.50 - 95.00**

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: **Substance is undisclosed as this is proprietary data.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **0.00 - 5.00**

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: **Substance is undisclosed as this is proprietary data.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **Impurity/Residual**

GS: **BM-4**

RC: **None**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Substance is undisclosed as this is proprietary data.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **Impurity/Residual**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Substance is undisclosed as this is proprietary data.**

ADDITIVE B

#: **0.10 - 1.00**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information on residuals and impurities not provided by manufacturer.

OTHER MATERIAL NOTES: Ranges are used to protect confidentiality or is due to batch variation.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **100.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Retarder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance is undisclosed as this is proprietary data.

ADMIXTURE

#: **0.10 - 1.00**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities reported by the supplier.

OTHER MATERIAL NOTES: Ranges are used to protect confidentiality or is due to batch variation.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **98.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Active ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance is undisclosed as this is proprietary data.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-11**

#: **2.00**

GS: **LT-UNK**

RC: **None**

NANO: **Yes**

ROLE: **ingredient**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: No details are provided to explain the presence of nanomaterial.
Substance is undisclosed as this is proprietary data.

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) - Classroom & Office scenario

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-09-30**

EXPIRY DATE:

CERTIFIER OR LAB: **Berkeley Analytical**

APPLICABLE FACILITIES: **n/a**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Report number 1220-001-01AA Sept3019**

VOC CONTENT

N/A

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-03-27**

EXPIRY DATE:

CERTIFIER OR LAB: **n/a**

APPLICABLE FACILITIES: **n/a**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **VOC Content calculated by the manufacturer.**

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

None of the ingredients in Harvard University's "Priority Chemical Classes of Concern" list are present in ECO2 SET™ (100ppm disclosure threshold). Priority Chemical Classes of Concern: - Chemical flame retardants; - Antimicrobials; - Long- and/or short-chain per- and poly-fluorinated alkyl compounds nor fluorinated polymers (PFAS); - Bisphenols; - Phthalates; - Polyvinyl chloride (PVC); - Crumb rubber.



MANUFACTURER INFORMATION

MANUFACTURER: **ECO2**

ADDRESS: **PO Box 170065**

Boston MA 02116, U.S.A

WEBSITE: **www.eco2level.com**

CONTACT NAME: **John Mitchell**

TITLE: **Technical Service**

PHONE: **(800) 245-8165**

EMAIL: **jmitchell@eco2level.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 (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.