

CLASSIFICATION: 09 65 00 RESILIENT FLOORING

PRODUCT DESCRIPTION: Harmoni/Grain is 3 mm smooth resilient rubber flooring, calendered and vulcanized into a single prefabricated sheet or tile, composed of synthetic rubber, stabilizing agents and pigmentation. It is available in standard solid background colors with randomly dispersed colored chips throughout its wear layer's entire depth. Harmoni/Grain is free from red listed ingredients (LBC Red List) and is manufactured without bisphenol A (BPA), formaldehyde, halogens, heavy metals, isocyanates, phthalates and polyvinyl chloride (PVC). Harmoni/Grain is manufactured in an ISO 9001 and 14001 certified facility using 100% renewable electric energy sources: water, wind and solar.

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

HARMONI/GRAIN [KAOLIN CLAY LT-UNK | CAN UNDISCLOSED LT-UNK
LIMESTONE, CALCIUM CARBONATE LT-UNK UNDISCLOSED LT-UNK
UNDISCLOSED LT-P1 POLYETHYLENE LT-UNK PARAFFIN LT-UNK
DISTILLATES (PETROLEUM), SOLVENT-REFINED (MILD) LIGHT
PARAFFINIC (9CI) LT-1 | CAN | MUL 4,4,15,15-TETRAETHOXY-3,16-DIOXA-
8,9,10,11-TETRATHIA-4,15-DISILAOCCTADECANE LT-UNK CALCIUM OXIDE
LT-P1 POLYETHYLENE GLYCOL LT-UNK UNDISCLOSED LT-1 | CAN | END
FERRIC OXIDE BM-2 | CAN BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL)
SEBACATE LT-P1 | MUL]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD is Identified-No given that some substances are undisclosed. All substances marked "Undisclosed" are being kept confidential to protect any and all related trade secrets.

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: GreenGuard - Gold (previously Children & Schools)
VOC emissions: GreenGuard - Indoor Air Quality Certified
VOC emissions: Emission Classification of Building Materials - M1
VOC emissions: French Decree no 2011-321

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes

PREPARER: Self-Prepared

VERIFIER:

SCREENING DATE: 2019-05-24

PUBLISHED DATE: 2019-05-28



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

HARMONI/GRAIN

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: See Section 2: Substance Notes.

OTHER PRODUCT NOTES: See Section 5: General Notes.

KAOLIN CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-05-24

%: 34.00 - 38.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler
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HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

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

SUBSTANCE NOTES: Any listed hazard applies to the initial raw substance; end product is a stable, solid, vulcanized consumer good with no evidence of negative health effects.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-05-24

%: 30.00 - 34.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Synthetic Rubber Matrix
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HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: "Undisclosed" signifies that a substance is being kept confidential to protect any and all related trade secrets.

LIMESTONE, CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-05-24

%: 10.00 - 14.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-05-24		
%: 3.00 - 6.00	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: "Undisclosed" signifies that a substance is being kept confidential to protect any and all related trade secrets.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-05-24		
%: 2.00 - 5.00	GS: LT-P1	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: "Undisclosed" signifies that a substance is being kept confidential to protect any and all related trade secrets.				

POLYETHYLENE

ID: **9002-88-4**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-05-24		
%: 1.00 - 4.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Processing Aid
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

PARAFFIN

ID: **8002-74-2**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-05-24		
%: 0.00 - 2.00	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:

DISTILLATES (PETROLEUM), SOLVENT-REFINED (MILD) LIGHT PARAFFINIC (9CI)

ID: 64741-89-5

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

HAZARD SCREENING DATE: **2019-05-24**

#: **0.00 - 1.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Processing Aid**

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

SUBSTANCE NOTES: Any listed hazard applies to the initial raw substance; end product is a stable, solid, vulcanized consumer good with no evidence of negative health effects.

4,4,15,15-TETRAETHOXY-3,16-DIOXA-8,9,10,11-TETRATHIA-4,15-DISILAOCCTADECANE

ID: 40372-72-3

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

HAZARD SCREENING DATE: **2019-05-24**

#: **0.00 - 1.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Processing Aid**

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

SUBSTANCE NOTES:

CALCIUM OXIDE

ID: 1305-78-8

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

HAZARD SCREENING DATE: **2019-05-24**

#: **0.00 - 1.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Processing Aid**

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

SUBSTANCE NOTES:

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

HAZARD SCREENING DATE: **2019-05-24**

%: **0.00 - 1.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Processing Aid**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

UNDISCLOSED

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

HAZARD SCREENING DATE: **2019-05-24**

%: **0.00 - 4.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

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

SUBSTANCE NOTES: Any listed hazard applies to the initial raw substance; end product is a stable, solid, vulcanized consumer good with no evidence of negative health effects. "Undisclosed" signifies that a substance is being kept confidential to protect any and all related trade secrets.

FERRIC OXIDE

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

HAZARD SCREENING DATE: **2019-05-24**

%: **0.00 - 2.00** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

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

SUBSTANCE NOTES: Any listed hazard applies to the initial raw substance; end product is a stable, solid, vulcanized consumer good with no evidence of negative health effects.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-05-24**%: **0.00 - 1.00**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Any listed hazard applies to the initial raw substance; end product is a stable, solid, vulcanized consumer good with no evidence of negative health effects.

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

GreenGuard - Gold (previously Children & Schools)

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2014-10-03** EXPIRY DATE: **2019-10-03** CERTIFIER OR LAB: **UL Environment Inc.**
APPLICABLE FACILITIES: **Applicable to all of Mondo's manufacturing facilities.**
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1eb1755b0e82d946a5ddb?page_type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. If listed certification expiry date has passed since the creation of this HPD, please communicate with Mondo to obtain recertification details/current certificate.**

VOC EMISSIONS

GreenGuard - Indoor Air Quality Certified

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2014-10-03** EXPIRY DATE: **2019-10-03** CERTIFIER OR LAB: **UL Environment Inc.**
APPLICABLE FACILITIES: **Applicable to all of Mondo's manufacturing facilities.**
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1eb1755b0e82d946a5ddb?page_type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. If listed certification expiry date has passed since the creation of this HPD, please communicate with Mondo to obtain recertification details/current certificate.**

VOC EMISSIONS

Emission Classification of Building Materials - M1

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2017-07-07** EXPIRY DATE: **2019-06-16** CERTIFIER OR LAB: **The Building Information Foundation RTS sr**
APPLICABLE FACILITIES: **Applicable to all of Mondo's manufacturing facilities.**
CERTIFICATE URL: https://m1.rts.fi/en/product_search/nomenclature_class_search/423

CERTIFICATION AND COMPLIANCE NOTES: **"The classification presents emissions requirements for the building materials, fixture and furniture without padding or textile coverings used in ordinary work spaces and residences with respect to good indoor air quality. M1 stands for low emissions." If listed certification expiry date has passed since the creation of this HPD, please communicate with Mondo to obtain recertification details/current certificate.**

VOC EMISSIONS

French Decree no 2011-321

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2013-08-28** EXPIRY DATE: CERTIFIER OR LAB: **Eurofins**
APPLICABLE FACILITIES: **Applicable to all of Mondo's manufacturing facilities.**
CERTIFICATE URL: <https://mondocontractflooring.com/>

CERTIFICATION AND COMPLIANCE NOTES: **French decree on labeling requirement of construction materials, wall and floor**

coverings, and paint and varnishes, as it pertains to their emissions of volatile pollutants.

VOC EMISSIONS

AgBB/ABG

CERTIFYING PARTY: Third Party

ISSUE DATE: 2018-

EXPIRY DATE:

CERTIFIER OR LAB: eco-INSTITUT

APPLICABLE FACILITIES: Applicable to all of Mondo's manufacturing facilities.

04-13

CERTIFICATE URL:

<https://mondocontractflooring.com/>

CERTIFICATION AND COMPLIANCE NOTES: The German VOC regulation on construction products: ABG, AgBB, DIBt, abZ.

LCA

Environmental Product Declaration (EPD) by UL - Industry Generic

CERTIFYING PARTY: Third Party

ISSUE DATE: 2015-

EXPIRY DATE: 2020-

CERTIFIER OR LAB: UL

APPLICABLE FACILITIES: Applicable to Mondo's Artigo S.p.A. facility, located at 17014 Cairo Montenotte (SV), Loc. Carpeneto - Italy.

02-27

02-27

Environment Inc.

CERTIFICATE URL: [https://spot.ul.com/main-](https://spot.ul.com/main-app/products/detail/5ad1eb1755b0e82d946a5ddb?)

[app/products/detail/5ad1eb1755b0e82d946a5ddb?](https://spot.ul.com/main-app/products/detail/5ad1eb1755b0e82d946a5ddb?)
[page_type=Products%20Catalog](https://spot.ul.com/main-app/products/detail/5ad1eb1755b0e82d946a5ddb?)

CERTIFICATION AND COMPLIANCE NOTES: Environmental product declaration (EPD) in accordance with ISO 14025 and EN 15804. If listed certification expiry date has passed since the creation of this HPD, please communicate with Mondo to obtain recertification details/current certificate.

MULTI-ATTRIBUTE

Blue Angel

CERTIFYING PARTY: Third Party

ISSUE DATE: 2013-

EXPIRY DATE: 2019-

CERTIFIER OR LAB: RAL gGmbH

APPLICABLE FACILITIES: Applicable to all of Mondo's manufacturing facilities.

11-12

12-31

CERTIFICATE URL: <https://www.blauer-engel.de/en/products/construction-heating/bodenbelaege-elastisch/artigo-plansystem-granito-grain>

CERTIFICATION AND COMPLIANCE NOTES: "The environmental label identifies environmentally friendly products and services that also fulfill stringent requirements in the areas of health, occupational and consumer protection. The Blue Angel signals that products and services adhere to challenging environmental standards. It is a TYPE 1 environmental label, based on the DIN ISO 14024 international standard, and differs from TYPE II and TYPE III environmental labels due to its independent product testing and transparent processes for the development and award of the label." If listed certification expiry date has passed since the creation of this HPD, please communicate with Mondo to obtain recertification details/current certificate.

MULTI-ATTRIBUTE

GECA

CERTIFYING PARTY: Third Party

ISSUE DATE: 2009-

EXPIRY DATE: 2021-

CERTIFIER OR LAB: GECA

APPLICABLE FACILITIES: Applicable to all of Mondo's manufacturing facilities.

02-12

12-19

CERTIFICATE URL:

<http://www.geca.eco/products/artigospectrum-grain/>

CERTIFICATION AND COMPLIANCE NOTES: "GECA 25-2011 v2 – Floor Coverings. Recognised by GBCA at Level A. When a product is certified against Good Environmental Choice Australia (GECA)'s Floor Coverings standard, consumers can be sure that the product has been assessed to meet environmental, human health and ethical impact

criteria." If listed certification expiry date has passed since the creation of this HPD, please communicate with Mondo to obtain recertification details/current certificate.

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.

MONDOSHIELD

HPD URL: <https://mondocontractflooring.com/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Low-VOC and low-gloss polymeric finish, factory-applied onto the final flooring product and cured by ultraviolet (UV) processing, for ease of maintenance. This product is not manufactured by Mondo; manufacturer does not have a known published HPD.

MONDO MP 1000

HPD URL: <https://mondocontractflooring.com/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Single component acrylic adhesive that is Green Label Plus certified. Low-emitting materials, Rule 1168: 0 g/L (VOC). Consult Mondo's technical data sheet for use and instructions. Consult safety data sheet (SDS) for all safety-related details concerning transportation, exposure, handling and use. This product is not manufactured by Mondo; manufacturer does not have a known published HPD.

MONDO EP 55

HPD URL: <https://mondocontractflooring.com/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Dual component epoxy adhesive. Low-emitting materials, Rule 1168: 6 g/L (VOC). Consult Mondo's technical data sheet for use and instructions. Consult safety data sheet (SDS) for all safety-related details concerning transportation, exposure, handling and use. This product is not manufactured by Mondo; manufacturer does not have a known published HPD.

PROMINENCE TM/MC HEAVY DUTY FLOOR CLEANER

HPD URL: <https://www.diversey.com/product-catalogue/prominence-heavy-duty-floor-cleaner-94996458>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

"Highly effective cleaner designed to remove soils and oils without dulling or altering the appearance of the floor. Quickly emulsifies dirt for fast removal. pH neutral when diluted." This product is not manufactured by Mondo; manufacturer does not have a known published HPD.

PROFI TM/MC FLOOR CLEANER AND GREASE REMOVER

HPD URL: <https://www.diversey.com/product-catalogue/profi-floor-cleaner-oil-grease-remover-94512759>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Specifically designed for preparation and ongoing maintenance of specialty floors, such as rubber, it is a highly effective cleaner/degreaser that is solvent-free and emulsifies dirt quickly. This product is not manufactured by Mondo; manufacturer does not have a known published HPD.

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

A neutral cleaner formulated for everyday cleaning of floors and other hard surfaces; will not dull floor finishes and does not require rinsing. This product is not manufactured by Mondo; manufacturer does not have a known published HPD.

VIREX II 256 DISINFECTANTHPD URL: <https://www.diversey.com/product-catalogue/virex-ii-256-one-step-disinfectant-cleaner-and-deodorant-5271416>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

"A one-step, quaternary-based disinfectant cleaner concentrate providing broad spectrum disinfection at 1:256 dilution. Use in healthcare and other facilities where cleaning and prevention of cross-contamination are critical. Bactericidal, virucidal and fungicidal. Kills MRSA and VRE. Meets bloodborne pathogen standards for decontaminating blood and body fluids." This product is not manufactured by Mondo; manufacturer does not have a known published HPD.

 **Section 5: General Notes**

All substances marked "Undisclosed" are being kept confidential to protect any and all related trade secrets.



MANUFACTURER INFORMATION

MANUFACTURER: **Mondo America Inc.**

ADDRESS: **2655 Francis-Hughes**

Laval QC H7L 3S8, Canada

WEBSITE: <https://mondocontractflooring.com/>

CONTACT NAME: **Erika Marcoux**

TITLE: **Technical Product Specialist**

PHONE: **506-988-2151**

EMAIL: emarcoux@mondousa.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.