

CLASSIFICATION: 09 65 16.43 PVC Free Flooring

PRODUCT DESCRIPTION: Cleo is an eco-forward non-pvc resilient flooring. Cross-linked high-performance materials are the backbone of cleo's waterproof omni-construction, and direct-to-core digital printing enables relevant on-trend designs. Available in multiple sizes, cleo is made in the U.S.A. from mostly U.S.-sourced materials.

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

CLEO [**DOLOMITE** NoGS **ETHYLENE VINYL ACETATE POLYMER (EVA)** LT-UNK **PETROLEUM RESINS** LT-1 | CAN **UNDISCLOSED CHEMICAL #1** LT-UNK **TRIMETHYLOLPROPANE TRIACRYLATE** LT-P1 | RES | CAN | SKI | EYE **QUARTZ** LT-1 | CAN **TREMOLITE ASBESTOS** LT-1 | CAN **BISPHENOL A-EPICHLOROHYDRIN ACRYLATE** LT-UNK **UNDISCLOSED CHEMICAL #2** LT-P1 | MUL **UNDISCLOSED CHEMICAL #3** LT-P1 | MUL **UNDISCLOSED CHEMICAL #4** LT-1 | CAN | END **1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-** LT-P1 **UNDISCLOSED CHEMICAL #5** LT-P1 | CAN **UNDISCLOSED CHEMICAL #6** LT-UNK **UNDISCLOSED CHEMICAL #7** LT-P1 | MUL **UNDISCLOSED CHEMICAL #8** LT-UNK **UNDISCLOSED CHEMICAL #9** NoGS]

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:

Congoleum 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 100 ppm threshold. Due to the proprietary nature of the information, the name and CAS number for certain chemicals have been redacted from this substance entry. "Undisclosed Chemical #n" indicates chemicals Congoleum suppliers protect with NDAs.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: RFCI FloorScore

Other: Environmental Product Declaration (EPD) by SCS

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-8379

SCREENING DATE: 2019-08-05
PUBLISHED DATE: 2019-10-08
EXPIRY DATE: 2022-08-05



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

CLEO

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Congoleum 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 100 ppm threshold.

OTHER PRODUCT NOTES:

DOLOMITE

ID: 16389-88-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

#: 66.99 - 84.25

GS: NoGS

RC: None

NANO: No

ROLE: Base Layer Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

#: 10.50 - 10.78

GS: LT-UNK

RC: None

NANO: No

ROLE: Base Layer Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

PETROLEUM RESINS

ID: 64742-16-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

#: 2.92 - 2.94

GS: LT-1

RC: None

NANO: No

ROLE: Base Layer Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #1

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

%: **0.83 - 1.79** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **White Hot Coat and Clear Hot Coat Component**

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

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

TRIMETHYLOLPROPANE TRIACRYLATE

ID: **15625-89-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

%: **0.18 - 0.28** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Back Coat / UV Coating Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

QUARTZ

ID: **14808-60-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

#: 0.08 - 0.84

GS: LT-1

RC: None

NANO: No

ROLE: Base Layer Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
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	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES:

TREMOLITE ASBESTOS

ID: 14567-73-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

#: 0.08 - 0.84

GS: LT-1

RC: None

NANO: No

ROLE: Base Layer Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	GHS - Korea	Carcinogenicity - Category 1 [H350 - May cause cancer]

SUBSTANCE NOTES:

BISPHENOL A-EPICHLOROHYDRIN ACRYLATE

ID: 55818-57-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-05

#: 0.07 - 0.19

GS: LT-UNK

RC: None

NANO: No

ROLE: Back Coat / UV Coating Component

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

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #2

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

%: **0.06 - 0.08** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **White Primer Coating and UV Top Coat Component**

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

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

UNDISCLOSED CHEMICAL #3

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

%: **0.05 - 0.08** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **White Primer Coating and UV Top Coat Component**

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

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

UNDISCLOSED CHEMICAL #4

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

%: **0.05 - 0.20** GS: **LT-1** RC: **None** NANO: **No** ROLE: **White Hot Coat and White Primer Coating 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

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

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

ID: **7473-98-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

#: **0.04 - 0.07** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Back Coat / UV Coating Component**

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

SUBSTANCE NOTES:

UNDISCLOSED CHEMICAL #5

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

#: **0.02 - 0.02** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **UV Top Coat Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

UNDISCLOSED CHEMICAL #6

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

#: **0.02 - 0.03** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **White Primer Coating and UV Top Coat Component**

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

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

UNDISCLOSED CHEMICAL #7

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

#: **0.01 - 0.03** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **White Primer Coating**

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

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

UNDISCLOSED CHEMICAL #8

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

#: **0.01 - 0.02** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **White Primer Coating**

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

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

UNDISCLOSED CHEMICAL #9

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-08-05**

#: **0.00 - 0.19** GS: **NoGS** RC: **None** NANO: **No** ROLE: **White Hot Coat and Clear Hot Coat Components**

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

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The HPDC Approved Preparer obtained full disclosure down to the 100 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.

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

RFCI FloorScore

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All Facilities

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/Congoleum_2019_SCS-FS-04874_s.pdf

ISSUE DATE:

2019-09-01

EXPIRY DATE:

2020-08-31

CERTIFIER OR LAB:

SCS Global

CERTIFICATION AND COMPLIANCE NOTES: Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0 Conforms to the CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring.

OTHER

Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All Facilities

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-05530_Congoleum_CLEO_052219.pdf

ISSUE DATE: 2019-05-22

EXPIRY DATE: 2024-05-21

CERTIFIER OR LAB: SCS Global

CERTIFICATION AND COMPLIANCE NOTES: SCS-EPD-05530; Product Category Rule (PCR) for preparing an Environmental Product Declaration (EPD) for Flooring: Carpet, Resilient, Laminate, Ceramic, Wood. NSF International. Version 2. 2014.

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

Up to four additional ingredients are present in the Congoleum product formulation which do not have CAS numbers. These ingredients are present in two components, the White Primer Coating and the UV Top Coat, and are identified as acrylated oligomers. In the White Primer Coating, one acrylated oligomer, present in the final product at 0.079-0.162%, is associated with GHS Hazard Statements H315, H317, and H319 and the second acrylated oligomer, present in the final product at 0.032-0.065%, is associated with GHS Hazard Statement H317. In the UV Top Coat, one acrylated oligomer, present in the final product at ~0.028%, is associated with GHS Hazard Statement H317 and the second acrylated oligomer, present in the final product at ~0.019%, is associated with GHS Hazard Statements H317 and H319. As defined by GHS, H315 corresponds to the statement "causes skin irritation", H317 corresponds to the statement "may cause an allergic skin reaction", and H319 corresponds to the statement "causes serious eye irritation." It has been identified through communication with the supplier of the two

materials that each of these reactive acrylated oligomers does not have a CAS number; therefore, these four reactive ingredients were not able to be entered into the HPD Version 2.0 Builder Tool. Within each component, these specific acrylated oligomers are intended to react together to form a larger polymeric chemical entity which provides physical connectivity or another function within the structure of the final product. The resulting polymer product will be present at up to the combined weights of the individual acrylated oligomers in each of the components, up to 0.23% contributed from the White Primer Coating and up to 0.05% contributed from the UV Top Coat. As the identity of the final polymeric product is not known, a conservative assessment assumes that it exhibits the same hazards as the acrylated oligomers, that is, skin (H315) and eye irritation (H319) and skin sensitization (H317). Due to the shared irritation and sensitization hazards exhibited by acrylates, it is not clear if the initial acrylated oligomers identified in the two components are the same chemical as no identifying information aside from the GHS Hazard Statements were provided by the supplier. As it is not known whether residual acrylated oligomers are present in the final product, the HPD approved preparer conservatively assumed that up to the maximum amount of acrylated copolymer present prior to the reaction is present in the final product. The two tile models that are represented under this HPD are cleo-SW and cleo-DW which have both color and design variations dependent on the tile's print layer. The two tile models that are represented under this HPD are cleo-SW and cleo-DW which have both color and design variations dependent on the tile's print layer.



MANUFACTURER INFORMATION

MANUFACTURER: **Congoleum**

ADDRESS: **3500 Quakerbridge Road**

Mercerville NJ 08619, USA

WEBSITE: **www.cleoflooring.com**

CONTACT NAME: **James Rayball**

TITLE: **Director, Product Management**

PHONE: **609-584-3541**

EMAIL: **jrayball@congoeum.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.