

HPD UNIQUE IDENTIFIER: 27595

CLASSIFICATION: 06 61 16 Solid Surfacing Fabrications

PRODUCT DESCRIPTION: HIMACS® acrylic solid surface is a homogeneous, non-porous decorative surfacing material manufactured in solid 6mm, 9mm, and 12mm thicknesses for horizontal and vertical applications, and in various shapes as sinks and lavatory bowls. HIMACS® is composed of natural minerals (primarily alumina trihydrate from bauxite), and acrylic resins (MMA, PMMA). In its finished form, HIMACS® is non-toxic and non-allergenic. HIMACS® is NSF/ANSI 51 Certified for "All Food Contact Types", is rated "Class 'A'" using the ASTM E84 flammability test, and is Greenguard Gold certified as a low-emitting material. Also includes MasterFormat 12.36.61.16 Solid Surfacing Countertops.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold Level</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities</p> <p><input checked="" type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances disclosed by Name (Specific or Generic) and Identifier.</i></p>
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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

HIMACS® ACRYLIC SOLID SURFACE [ALUMINUM HYDROXIDE, DRIED BM-2 POLYMETHYL METHACRYLATE LT-P1 | RES BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg METHYL METHACRYLATE LT-P1 | END | SKI | RES | PHY TITANIUM DIOXIDE LT-1 | CAN | END CINQUASIA RED LT-UNK C.I. PIGMENT YELLOW 110 LT-UNK CARBON BLACK BM-1 | CAN C.I. PIGMENT BLUE 60 LT-UNK C.I. PIGMENT YELLOW 128 LT-UNK FLUOROPHLOGOPITE LT-UNK PHTHALOCYANINE GREEN 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:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.2, and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product, along with the role and percent weight.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified
Management: ISO 14001:2004 Environmental management systems
LCA: Environmental Product Declaration (EPD) by NSF
Other: ANSI/NSF 51-2019 Food equipment materials

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-02-14

PUBLISHED DATE: 2022-02-14

EXPIRY DATE: 2025-02-14

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

HIMACS® ACRYLIC SOLID SURFACE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were "Considered", as outlined in Emerging Best Practices. Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier documentation and as predicted by process chemistry (Pharos CML).

OTHER PRODUCT NOTES: HIMACS® acrylic solid surface is composed of an inert mineral filler together with colorants that are encapsulated in reacted monomers and resins. HIMACS® is available in sheets of various thicknesses and lengths and shaped products such as lavatory/vanity bowls, kitchen and other sinks. The HIMACS® product line includes the Eden Plus Series with pre-consumer content up to 35%, as certified by SCS Global Services. In finished form HIMACS® products are non-toxic and non-allergenic for human contact. As with any such engineered material, the fabrication steps of cutting and polishing can release "respirable [breathable]" particles, including Carbon Black, which is known to the State of California to cause cancer. OSHA-compliant dust control such as wet-cutting and dust collection must be followed. This only applies to cutting, and polishing, which are primarily performed in a fabrication shop environment, but can also occur in a limited scope during installation in the field. Also see California's Proposition 65 Warning as found on the manufactured product and at <https://www.p65warnings.ca.gov/>.

ALUMINUM HYDROXIDE, DRIED

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-02-14 13:20:51

#: 50.0000 - 70.0000

GS: BM-2

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool. Synonyms: aluminum hydroxide, alumina [or aluminum] trihydrate (ATH), aluminum trihydroxide. Inert mineral byproduct of bauxite extraction that is the primary component of HIMACS, which further serves as a flame and smoke suppressant. ATH is encapsulated in the acrylic binder of the finished product.

POLYMETHYL METHACRYLATE

ID: 9011-14-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-02-14 13:20:52

#: 30.0000 - 45.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RES

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-02-14 13:20:53

#: 1.0000 - 2.4000

GS: BM-3dg

RC: None

NANO: No

SUBSTANCE ROLE: Carrier

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

SUBSTANCE NOTES: Pigment carrier. GreenScreen Benchmark® assessment score of BM-3dg was provided by the HPD Builder Tool.

METHYL METHACRYLATE

ID: 80-62-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-02-14 13:20:53**

#: **Impurity/Residual** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]

SUBSTANCE NOTES: Methyl methacrylate (MMA) is a reactive monomer that is incorporated into the polymethyl methacrylate (PMMA) resin. In the finished form HIMACS is a solid article and is non-toxic and non-allergenic to humans.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-02-14 13:20:54**

#: **0.0000 - 4.3000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Form-specific hazards: airborne particles of respirable size – occupational setting. Percent by weight given as range to account for the various colors available.

CINQUASIA RED

ID: 1047-16-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-02-14 13:20:54%: 0.0000 - 3.0000 GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: Percent by weight given as range to account for the various colors available.

C.I. PIGMENT YELLOW 110

ID: 106276-80-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-02-14 13:20:55%: 0.0000 - 2.7000 GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: Percent by weight given as range to account for various colors available.

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-02-14 13:20:55%: 0.0000 - 2.7000 GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. Form-specific hazards: airborne particles of respirable size – occupational setting. Percent by weight given as range to account for various colors available.

C.I. PIGMENT BLUE 60

ID: 81-77-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2022-02-14 13:20:56%: 0.0000 - 2.4000 GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: Percent by weight given as range to account for various colors available.

C.I. PIGMENT YELLOW 128

ID: 79953-85-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-02-14 13:20:56**

#: **0.0000 - 2.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: Percent by weight given as range to account for various colors available.

FLUOROPHLOGOPITE

ID: **12003-38-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-02-14 13:20:57**

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: Synonym: Synthetic mica. Percent by weight given as range to account for various colors available.

PHTHALOCYANINE GREEN

ID: **1328-53-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-02-14 13:20:57**

#: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: Synonym: C.I. Pigment Green 7. Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Percent by weight given as range to account for various colors available.

Section 3: Certifications and Compliance

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

VOC EMISSIONS	UL/GreenGuard Gold Certified		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Adairsville, GA, USA and Cheongju, South Korea CERTIFICATE URL: https://tinyurl.com/3kamnjvt	ISSUE DATE: 2007-08-13	EXPIRY DATE: 2022-08-13	CERTIFIER OR LAB: UL Environment
CERTIFICATION AND COMPLIANCE NOTES: Certificate Numbers: 4007-420, 4008-420. UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.			
MANAGEMENT	ISO 14001:2004 Environmental management systems		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Adairsville, GA, USA and Cheongju, South Korea CERTIFICATE URL: https://tinyurl.com/2p99kf7k	ISSUE DATE: 2021-09-03	EXPIRY DATE: 2024-09-19	CERTIFIER OR LAB: World Certification Services, Ltd.
CERTIFICATION AND COMPLIANCE NOTES: ISO 14001 STANDARD REQUIREMENTS. Leadership demonstrates commitment to environmental management. Plans must consider the organization's context and interested parties. Environmental impact of the product life cycle must be considered. Organization must be committed to continual EMS improvement. Communications strategy allows idea sharing for EMS improvement. Organization must control or influence outsourced processes			
LCA	Environmental Product Declaration (EPD) by NSF		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Adairsville, GA, USA and Cheongju, South Korea CERTIFICATE URL: https://info.nsf.org/Certified/Sustain/ProdCert/EPD10096.pdf	ISSUE DATE: 2017-04-17	EXPIRY DATE: 2022-04-16	CERTIFIER OR LAB: NSF International
CERTIFICATION AND COMPLIANCE NOTES: An Environmental Product Declaration (EPD) is an independently verified and registered document that communicates transparent and comparable information about the life-cycle environmental impact of products in a credible way.			
OTHER	ANSI/NSF 51-2019 Food equipment materials		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Adairsville, GA, USA and Cheongju, South Korea CERTIFICATE URL: https://info.nsf.org/Certified/Food/Listings.asp?Company=73380&Standard=051	ISSUE DATE: 2005-05-31	EXPIRY DATE:	CERTIFIER OR LAB: NSF
CERTIFICATION AND COMPLIANCE NOTES: NSF/ANSI 51-2019: Food Equipment Materials sets minimum public health and sanitation guidelines for materials used in the construction of commercial food equipment. It is applicable to the materials and finishes used for broilers, beverage dispensers, cutting boards, stock pots, etc. It is also applicable to components like tubing, sealants, gaskets, valves, and other items intended for an assortment of food equipment applications.			
RECYCLED CONTENT	SCS Recycled Content Certification - Recycling Programs		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Adairsville, GA, USA and Cheongju, South Korea CERTIFICATE URL: https://tinyurl.com/53zzx7hs	ISSUE DATE: 2021-02-01	EXPIRY DATE: 2022-12-31	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: Registration # SCS-MC-02807. Conforms to SCS Recycled Content Standard V7-0 for a Minimum 6% Pre-Consumer Recycled Resin Content. For the following Solid Surface products: LG Eden Collection: Awaken, Balance, Barley, Beauty, Enchantment, Energy, Essence, Focus, Harmony, Imagination, Loyalty, Lunar Sand, Mature, Natural, Oatmeal, Pause, Pearl White, Pebble Pearl, Poppy Seed, Portland, Profound, Relieve, Rest, Saddlebow, Serenity, Silence, Simplicity, Stable, Tranquility, and Understanding.			

+ 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.

LX JOINT ADHESIVE

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

LX Joint Adhesive is an optional accessory that may be used for installation of HIMACS Solid Surfaces. LX Joint Adhesive is a low-VOC product that may be used to join two sheets or partial sheets together to form an inconspicuous seam, create built-up edge treatments, and to adhere HIMACS shape products (lavatories and sinks) to the underside of sheet materials. LX Joint Adhesive has achieved Greenguard Gold (UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings, Certification #161103-420), and complies with the requirements of South Coast Air Quality Management District (SCAQMD) Rule 1168 as revised in October 2017.

E Section 5: General Notes

HIMACS acrylic solid surface fabrications may also be found in the following Sections: 09 77 00 Special Wall Surfacing, 09 78 26 Plastic Interior Wall Paneling; 10 21 13.19 Plastic Toilet Compartments; 10 21 16.19 Plastic Shower and Dressing Compartments; 10 25 13 Patient Bed Service Walls; 12 26 23 Protective Wall Covering; 10 51 23 Plastic Lockers; 12 34 00 Manufactured Plastic Casework; 12 35 00 Specialty Casework; 12 36 00 Countertops; 12 36 61.12 Solid Surfacing Countertops.

MANUFACTURER INFORMATION

MANUFACTURER: LX Hausys America, Inc.
ADDRESS: 900 Circle 75 Parkway #1500
 Atlanta GA 30339, USA
WEBSITE: <https://www.lxhausysusa.com/hi-macs/>

CONTACT NAME: Richard Rudy
TITLE: Technical Services Manager
PHONE: +1 678.535.4116
EMAIL: rrudy@lghausys.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.