

HPD UNIQUE IDENTIFIER: 31058

CLASSIFICATION: 12 36 61.16 Solid Surfacing Countertops

PRODUCT DESCRIPTION: Corian® acrylic-modified polyester solid surface is a solid, nonporous, homogeneous surfacing material, composed of ≈1/3 acrylic-modified polyester resin and ≈2/3 natural mineral which is aluminum trihydrate (ATH) derived from bauxite. One of the main advantages of Corian® Solid Surface is the ability to create an entire, continuous surface incorporating sinks. Seamless undermounting techniques eliminate rims that trap dirt and water, minimizing cleaning and maintenance. Beauty, functionality, durability, stain resistance, hygiene and easy care are just some of the reasons why Corian® sinks ® are the perfect addition to kitchen design. Corian® sinks are offered in an inspiring variety of colors and styles. All Corian® bathroom sinks are simple to clean and since Corian® Solid surface is nonporous with proper cleaning, it will not harbor the growth of mold or mildew. CLASSIFICATION: 06 61 00.00 WOOD, PLASTICS, AND COMPOSITES (FRAMING) SIMULATED STONE FABRICATIONS; 066116 SOLID SURFACE FABRICATIONS; 102113 TOILET COMPARTMENTS; 12 36 61 SOLID SURFACING COUNTERTOPS

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Completed	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Completed	Provided weight and role.
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Completed	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided :	Provided screening results using HPDC-approved methods.
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes <input checked="" type="radio"/> No
			Provided name and CAS RN or other identifier.

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

CORIAN® SOLID SURFACE ACRYLIC MODIFIED POLYESTER SINKS AND LAVATORIES | ALUMINA TRIHYDRATE BM-2 | SKI | EYE
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK METHYL ETHYL KETONE PEROXIDE LT-P1 | GEN | MAM | EYE | SKI | AQU | PHY
TITANIUM DIOXIDE LT-1 | CAN | END | MAM IRON OXIDE BLACK LT-UNK
IRON HYDROXIDE OXIDE YELLOW LT-UNK FERRIC OXIDE BM-1 | CAN | MAM | EYE | SKI UNDISCLOSED LT-UNK |

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, LT-1, BM-1

Nanomaterial ... Yes

INVENTORY AND SCREENING NOTES:

Ranges for substances’ percent weight are provided.

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)

Other: Plumbing

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2022-12-19
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2023-01-13
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2025-12-19

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

CORIAN® SOLID SURFACE ACRYLIC MODIFIED POLYESTER SINKS AND LAVATORIES

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
RESIDUALS AND IMPURITIES NOTES: Corian® Solid Surface acrylic-modified polyester sinks and lavatories have been evaluated. Residuals are below 100 ppm.	
OTHER PRODUCT NOTES: Ranges for substances' percent weight are provided.	

ALUMINA TRIHYDRATEID: 21645-51-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-12-19 15:08:53		
%: 60.0000 - 64.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
SKI	GHS - New Zealand	Skin irritation category 2		
EYE	GHS - New Zealand	Eye irritation category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Biological and Environmentally Released Materials		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Children's Products		

SUBSTANCE NOTES: Non-halogen fire retardent/smoke suppressant/intert filler.
Synonyms for Aluminum Trihydrate (ATH) are Hydrated, Alumina, Alimuinum Trihydroxide, and Aluminum Hydroxide. ATH is a chemically inert filler/pigment. Corian® Acrylic-modified Polyester Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form of sinks and wash basins. The material inputs for Corian® solid surface are encapsulated by polymerization of reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

UNDISCLOSEDID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-12-19 15:08:53		
%: 1.0000 - 20.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Acrylic resin and polyester resin are the two main resins are used in the manufacture of solid surface.		
Unsaturated polyester resin mixtures contain methyl methacrylate monomer, styrene as reactive monomers. Polyester resins are typical made with Neopentyl Glycol and Isophthalic Acid with a cobalt promo		

METHYL ETHYL KETONE PEROXIDEID: 1338-23-4

HAZARD DATA SOURCE:Pharos Chemical and Materials LibraryHAZARD SCREENING DATE:2022-12-19 15:08:55

%: 1.0000 - 5.0000GreenScreen: LT-P1RC: NoneNANO: NoSUBSTANCE ROLE: Catalyst

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
GEN	GHS - Australia	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
SKI	GHS - New Zealand	Skin corrosion category 1B
SKI	GHS - Korea	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
MAM	GHS - Korea	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 2]
EYE	GHS - Korea	H318 - Causes serious eye damage [Serious eye damage/irritation - Category 1]
MAM	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: vapor) - Category 2]
PHY	GHS - Japan	H241 - Heating may cause a fire or explosion [Organic peroxides - Type B]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes of Problematic Chemicals Antimicrobials
SUBSTANCE NOTES: Initiators, also known as catalysts, are used to produce the curing (molecular cross-linking) process with thermoset resins. Methyl ethyl ketone peroxide (MEKP) is the peroxide which is used for room temperature curing of polyester resins.		

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE:	2022-12-19 15:08:55		
%: 0.0000 - 2.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	

HAZARD TYPE	LIST NAME AND SOURCE	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]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
		Colorants - Green Circle (Verified Low Concern)

SUBSTANCE NOTES: The pigment dispersion used in the manufacture of this product has unsaturated polyester resin as the carrier. Certain dispersions including titanium dioxide or carbon black use carriers to eliminate inhalable dust hazards of these colorants/pigments during the solid surface manufacturing process. Corian® Acrylic-modified Polyester Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of monomers during the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

IRON OXIDE BLACK

ID: 12227-89-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-12-19 15:08:55		
%: 0.0000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Pigment dispersions containing certain pigments including titanium dioxide or carbon black function are used to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process. Corian® Acrylic-modified Polyester Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of monomeric reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

IRON HYDROXIDE OXIDE YELLOW

ID: 20344-49-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-12-19 15:08:55		
%: 0.0000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Pigment dispersions containing certain pigments including titanium dioxide or carbon black function are used to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process. Corian® Acrylic-modified Polyester Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of monomeric reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

FERRIC OXIDE

ID: 1309-37-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-12-19 15:08:56		
%: 0.0000 - 2.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]		
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Pigment dispersions containing certain pigments including titanium dioxide or carbon black function are used to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process. Corian® Acrylic-modified Polyester Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of monomeric reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-12-19 15:08:56		
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Pigment dispersions containing certain pigments including titanium dioxide or carbon black function are used to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process. Corian® Acrylic-modified Polyester Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of monomeric reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

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: 2006-11-07	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: North America		EXPIRY DATE: 2023-11-07	ENVIRONMENT
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5e8ccdc755b0e83770f3ec73?page_type=Products%20Catalog			
CERTIFICATION AND COMPLIANCE NOTES: Document #: 145194-420 Certification is renewed on an annual basis. The renew cycle date is November 7th. Corian® solid surface and accessories have been evaluated under the GREENGUARD certification program since 2006. 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 V1.1-2010 using a Classroom Environment. Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and 7.6.3 in an Open Plan Office Environment. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 in the office environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1			
OTHER		Plumbing	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2019-01-01	CERTIFIER OR LAB:
APPLICABLE FACILITIES: North America Note: Audits are annually or several times annually and the certification is renewed every year.		EXPIRY DATE: 2023-05-31	Home Innovation NGBS
CERTIFICATE URL: https://www.homeinnovation.com/our_labs/certified_products/plumbing_products			
CERTIFICATION AND COMPLIANCE NOTES: Home Innovation Research Labs tests and labels plumbing products for conformance to the requirements in the HUD Use of Materials Bulletin No. 73a, Title 24 of HUD's Manufactured Home Construction and Safety Standards, Part 3280, Sub-part G, Plumbing Systems. Products certified under this program also conform to the performance requirements specified in the model building codes. In all cases, plastic plumbing fixtures must comply with the requirements set forth in the appropriate CSA B45.5/IAPMO Z124 standard for plastic plumbing fixtures and ASME A112.19.7/CSA B45.10 for whirlpool bathtub appliances. National model codes specify that a manufacturer's products be tested and/or listed by an independent third party. (Ref. https://www.homeinnovation.com/our_labs/certified_products/plumbing_products). Home Innovation certification is specific to the United States.			

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

Corian® solid surface products are certified by UL Environment for low chemical emissions in accordance with 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 V1.1-2010 using a Classroom Environment. Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and 7.6.3 in an Open Plan Office Environment. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 in the office 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. LEED v4 Materials and Resources (MR Credit) Building Product Disclosure and Optimization - Environmental Product Declarations (EPD) are now available.

MANUFACTURER INFORMATION

MANUFACTURER: DuPont Specialty Products USA, LLC
ADDRESS: DuPont Specialty Products USA, LLC, Corian® Design
 Experimental Station 356, 200 Powder Mill Road
 Wilmington DE 19803, United States
WEBSITE: <http://www.corian.com/>

CONTACT NAME: Barbara Hannah
TITLE: LEED GA, WELL AP, Global Product Stewardship,
 Sustainability, Regulatory Compliance
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EMAIL: Barbara.A.Hannah@dupont.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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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

