

HPD UNIQUE IDENTIFIER: 24600

CLASSIFICATION: 22 42 39 Commercial Faucets

PRODUCT DESCRIPTION: Backed by a century of experience and proven Sloan technologies, BASYS® delivers a revolutionary approach to sensor faucets that meets the demands of the commercial plumbing industry. Fueled by two years of field research and in-depth interviews with architects, engineers and plumbers, BASYS® has the strength and versatility to meet the needs of any application or environment.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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

BASYS® EFX (1XX, 2XX AND 3XX) [UNS Z33520 ZINC ALLOY NoGS
ZINC, ELEMENTAL LT-P1 | AQU | END | MUL | PHY UNS C38000
COPPER ALLOY NoGS UNS C38500 COPPER ALLOY NoGS
SC:SENSOR Not Screened COPPER LT-P1 | AQU | MUL UNS C12200
COPPER ALLOY NoGS CONTINUOUS FILAMENT GLASS FIBER, NON-
RESPIRABLE LT-UNK 1,3-BENZENEDICARBOXYLIC ACID, POLYMER
WITH 1,4-BENZENEDICARBOXYLIC ACID, 1,6-HEXANEDIAMINE AND
HEXANEDIOIC ACID NoGS UNS S30300 STAINLESS STEEL ALLOY
NoGS POLICAPRAM LT-UNK UNS S30400 STAINLESS STEEL ALLOY
NoGS 1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE LT-UNK
STEEL NoGS UNS S43020 STAINLESS STEEL NoGS 2-
PROPENITRILE, POLYMER WITH 1,3-BUTADIENE LT-UNK CARBON
BLACK BM-1 | CAN DELRIN NoGS RUBBER, SYNTHETIC EPDM NoGS
POTASSIUM HYDROXIDE LT-P1 | SKI MANGANESE DIOXIDE LT-P1
ZINC OXIDE BM-1 | AQU | END | RES | MUL POLYPROPYLENE 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:

Special conditions applied: Electronics

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

Il the chemicals that fall above the stated threshold are included and screened against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. Six types of metal alloys use their UNS numbers for identification. Their CAS registry numbers are respectively provided in their substance notes.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Applicable

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

PREPARER: Self-Prepared

SCREENING DATE: 2021-04-15

- Yes
- No

VERIFIER: WAP Sustainability Consulting
VERIFICATION #: zPr-12401

PUBLISHED DATE: 2021-05-03
EXPIRY DATE: 2024-04-15

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

BASYS® EFX (1XX, 2XX AND 3XX)

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Information on residuals and impurities was collected for all raw materials included in this product from suppliers. All the chemicals that fall above the stated threshold are included in this section.

OTHER PRODUCT NOTES:

UNS Z33520 ZINC ALLOY

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 13:59:27

#: 35.0000 - 55.0000 GS: NoGS RC: UNK NANO: No SUBSTANCE ROLE: Structure component

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

SUBSTANCE NOTES: Due to the commodity nature of zinc alloy, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product. This metal alloy is identified by its UNS number and its general CAS registry number is 7440-66-6.

ZINC, ELEMENTAL

ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:00:29

#: 5.0000 - 15.0000 GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Reducing agent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: Due to the commodity nature of zinc, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product.

UNS C38000 COPPER ALLOY

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:02:34

GS: NoGS

RC: UNK

NANO: No

SUBSTANCE ROLE: Structure component

Structure component

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

SUBSTANCE NOTES: Due to the commodity nature of copper alloy, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product. This metal alloy is identified by its UNS number and its general CAS registry number is 12597-71-6.

UNS C38500 COPPER ALLOY

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:04:50

GS: NoGS

RC: UNK

NANO: No

SUBSTANCE ROLE: Structure component

Structure component

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

SUBSTANCE NOTES: Due to the commodity nature of copper alloy, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product. This metal alloy is identified by its UNS number and its general CAS registry number is 12597-71-6.

SC:SENSOR

ID: SC:Electronics

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

GS: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Electronic component

Electronic component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:
Version: SCElec/2018-02-23
Brief Description: Product Control
Compliance: RoHS Compliant
Takeback Program: N/A A range in mass percentage is given to account for the variations of the product.

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:10:30

GS: LT-P1

RC: UNK

NANO: No

SUBSTANCE ROLE: Conductor

Conductor

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Due to the commodity nature of copper, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product.

UNS C12200 COPPER ALLOY

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:10:59

#: 1.0000 - 5.0000

GS: NoGS

RC: UNK

NANO: No

SUBSTANCE ROLE: Structure component

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

SUBSTANCE NOTES: Due to the commodity nature of copper alloy, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product. This metal alloy is identified by its UNS number and its general CAS registry number is 12597-71-6.

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:09:24

#: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

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

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, 1,6-HEXANEDIAMINE AND HEXANEDIOIC ACID

ID: 27135-32-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:08:57

#: 1.0000 - 5.0000

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

UNS S30300 STAINLESS STEEL ALLOY

ID: 12597-68-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:07:22

#: 1.0000 - 6.0000

GS: NoGS

RC: UNK

NANO: No

SUBSTANCE ROLE: Structure component

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

SUBSTANCE NOTES: Due to the commodity nature of stainless steel, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product.

POLICAPRAM

ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-15 14:08:20

#: 0.1000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

UNS S30400 STAINLESS STEEL ALLOY

ID: **Not registered**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-15 14:09:55**

#: **0.1000 - 5.0000** GS: **NoGS** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Due to the commodity nature of stainless steel, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product. This metal alloy is identified by its UNS number and its CAS registry number is 12597-68-1.

1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE

ID: **24969-26-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-15 14:11:45**

#: **0.1000 - 2.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

STEEL

ID: **12597-69-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-15 14:13:09**

#: **0.1000 - 2.5000** GS: **NoGS** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Due to the commodity nature of steel, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product.

UNS S43020 STAINLESS STEEL

ID: **Not registered**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-15 14:26:36**

#: **0.1000 - 2.5000** GS: **NoGS** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Due to the commodity nature of stainless steel, the status of recycled content is unknown. A range in mass percentage is given to account for the variations of the product. This metal alloy is identified by its UNS number and its CAS registry number is 12597-68-1.

2-PROPENITRILE, POLYMER WITH 1,3-BUTADIENE

ID: **9005-98-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-15 15:03:48**

#: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-15 15:04:32		
%: 0.1000 - 1.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Filler
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: A range in mass percentage is given to account for the variations of the product.

DELTRIN

ID: 66455-31-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-15 14:25:57		
%: 0.0100 - 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

RUBBER, SYNTHETIC EPDM

ID: 308064-28-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-15 15:02:20		
%: 0.0100 - 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

POTASSIUM HYDROXIDE

ID: 1310-58-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-15 14:01:40		
%: 0.0000 - 10.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Conductor
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

MANGANESE DIOXIDE

ID: 1313-13-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-15 14:18:22**

#: **0.0000 - 2.5000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Conductor**

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

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

ZINC OXIDE

ID: 1314-13-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-15 14:25:18**

#: **0.0000 - 2.5000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Corrosion inhibitor**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-15 15:03:03**

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

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

SUBSTANCE NOTES: A range in mass percentage is given to account for the variations of the product.

Section 3: Certifications and Compliance

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

VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Applicable		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-04-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	15		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: No Emission Testing Available.			

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.

HOSE ASSEMBLY	HPD URL: No HPD Available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Hose required to connect water supply to faucets.	

Section 5: General Notes

The BASYS® EFX faucets that are bracketed into this HPD include EFX-100, EFX-150, EFX-175, EFX-177, EFX-180, EFX-200, EFX-250, EFX-275, EFX 277, EFX-280, EFX-300, EFX-350, EFX-375, EFX-377, and EFX-380.

MANUFACTURER INFORMATION

MANUFACTURER: Sloan Valve Company
ADDRESS: 10500 Seymour Ave
 Franklin Park IL 60131, USA
WEBSITE: www.sloan.com

CONTACT NAME: Patrick Boyle
TITLE: Director, Corporate Sustainability
PHONE: 847-233-2082
EMAIL: patrick.boyle@sloan.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)	NoGS No GreenScreen.
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)	

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.