

# SOLIS, ECOS & G2 Battery Sensor Flushometers by Sloan Valve Company

## Health Product Declaration v2.1

CLASSIFICATION: 22 42 43 Flushometers

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Diaphragm flushometers are precision metering valves designed to deliver a preset volume of water to a sanitary fixture (i.e., toilets and urinals). The ECOS, SOLIS, G2 and Sloan are all top mounted, battery operated sensor flushometers with the following features: ECOS ■ Automatically activates by means of an infrared sensor with multi-focused lobular sensing fields ■ Automatically initiates a 1.1 gpf or 1.6 gpf flush based on how long use remains in sensor range ■ Buttons on top of the flush valve enable manual flushing with a standard or reduced flush at restroom visitor's discretion ■ Fixed metering bypass and no external volume adjustment to ensure water conservation G2 ■ Automatically operates by means of an infrared sensor with multiple-focused lobular sensing fields for high and low target detection ■ User friendly, three-second flush delay and Courtesy Flush® override button ■ Adjustable tailpiece ■ Available in high efficiency (1.28 gpf/4.8 Lpf) models SOLIS ■ Automatically operates by means of an infrared sensor with multiple-focused lobular sensing fields for high and low target detection ■ User friendly, three-second flush delay and Courtesy Flush® override button ■ Adjustable tailpiece ■ Available in high efficiency (1.28 gpf/4.8 Lpf) and (1.1 gpf/4.2 Lpf) models

## Section 1: Summary

## Nested 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

Residuals/Impurities  
Considered in 1 of 1  
Materials

Explanation(s) provided  
for Residuals/Impurities?

- Yes  No

Are All Substances Above the Threshold Indicated:

**Characterized**  
Percent Weight and Role Provided?  Yes  No

**Screened**  
Using Priority Hazard Lists with  
Results Disclosed?  Yes  No

**Identified**  
Name and Identifier Provided?  Yes  No

### 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.

Number of Greenscreen BM-4/BM3 contents..... 0  
Contents highest concern GreenScreen  
Benchmark or List translator Score..... LT-1  
Nanomaterial..... No

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

BATTERY SENSOR FLUSHOMETER [ COPPER (COPPER) **LT-UNK** ZINC (ZINC) **LT-P1** | AQU | END | MUL | PHY SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED (SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED) **BM-2** LEAD (LEAD) **LT-1** | MAM | AQU | DEL | REP | CAN | PBT | MUL | END | GEN ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) (ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)) **LT-UNK** 1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE (1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE) **LT-UNK** ALUMINUM (ALUMINUM) **LT-P1** | RES | END | PHY TIN (TIN) **LT-P1** SOLID / PLATE GLASS (SOLID / PLATE GLASS) **LT-UNK** CARBONIC DICHLORIDE, POLYMER WITH 4,4'-(1-METHYLETHYLIDENE)BIS(PHENOL), 4-(1-METHYL-1-PHENYLETHYL)PHENYL ESTER (CARBONIC DICHLORIDE, POLYMER WITH 4,4'-(1-METHYLETHYLIDENE)BIS(PHENOL), 4-(1-METHYL-1-PHENYLETHYL)PHENYL ESTER) **NoGS** STAINLESS STEEL (STAINLESS STEEL) **NoGS** BRASS (BRASS) **NoGS** POLY(OXYMETHYLENE), **-ACETYL-** **-ACETYL-** **-ACETYL-** **-ACETYL-** **LT-UNK** ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER (ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER) **LT-UNK** STEEL MANUFACTURE, CHEMICALS (STEEL MANUFACTURE, CHEMICALS) **LT-UNK** POLYETHYLENE (POLYETHYLENE) **LT-UNK** ]

### INVENTORY AND SCREENING 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.

Other: Uniform Plumbing Code  
Other: Green Uniform Plumbing Code

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

Yes

No

PREPARER: Self-Prepared  
VERIFIER: SCS Global Services  
VERIFICATION #: qGE-3568

SCREENING DATE: 2017-11-28  
PUBLISHED DATE: 2018-01-25  
EXPIRY DATE: 2020-11-28

## Section 2: Content in Descending Order of Quantity

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### BATTERY SENSOR FLUSHOMETER

#: 100.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Sloan Valve Company worked with a Third Party HPD Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. Please see the impurity notes for lead (CAS #7439-92-1).

OTHER MATERIAL NOTES:

#### COPPER (COPPER)

ID: 7440-50-8

#: 46.4140 GS: LT-UNK RC: None NANO: No ROLE: Structure

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### ZINC (ZINC)

ID: 7440-66-6

#: 29.2440 GS: LT-P1 RC: None NANO: No ROLE: Structure

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES:

#### SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED (SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED)

ID: 70131-67-8

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists
SUBSTANCE NOTES:	

**LEAD (LEAD)**

ID: 7439-92-1

#: Impurity/Residual	GS: LT-1	RC: None	NANO: No	ROLE: Impurity/Residual
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases			R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases			R22 - Harmful if Swallowed
ACUTE AQUATIC	EU - R-phrases			R50 - Very Toxic to Aquatic Organisms
DEVELOPMENTAL	EU - R-phrases			R61 - May cause harm to the unborn child
REPRODUCTIVE	EU - R-phrases			R62 - Possible risk of impaired fertility
DEVELOPMENTAL	G&L - Neurotoxic Chemicals			Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens			(1986) Group B2 - Probable human Carcinogen
CANCER	IARC			Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC			Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65			Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65			Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)			Priority PBT
PBT	WA DoE - PBT			PBT
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65			Reproductive Toxicity - Male
CANCER	US NIH - Report on Carcinogens			Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Priority PBTs (PPT)			Priority PBT
PBT	US EPA - Toxics Release Inventory PBTs			PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern			PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants			Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs			Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs			Clear Evidence of Adverse Effects - Reproductive Toxicity
ACUTE AQUATIC	EU - GHS (H-Statements)			H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)			H410 - Very toxic to aquatic life with long lasting effects

DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A

SUBSTANCE NOTES: Lead is present in this product as an unavoidable impurity of the copper and brass alloy components.

### ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) (ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM))

ID: 25038-36-2

#: 1.2270 GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS: AGENCY(IES) WITH WARNINGS:  
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

### 1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE (1,3,5-TRIOXANE, POLYMER WITH 1,3-DIOXOLANE)

ID: 24969-26-4

#: 1.0720 GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS: AGENCY(IES) WITH WARNINGS:  
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

### ALUMINUM (ALUMINUM)

ID: 7429-90-5

#: 1.0360 GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases

SUBSTANCE NOTES:

**TIN (TIN)**

ID: **7440-31-5**

%: <b>0.9730</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES:

**SOLID / PLATE GLASS (SOLID / PLATE GLASS)**

ID: **65997-17-3**

%: <b>0.9550</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES:

**CARBONIC DICHLORIDE, POLYMER WITH 4,4'-(1-METHYLETHYLIDENE)BIS(PHENOL), 4-(1-METHYL-1-PHENYLETHYL)PHENYL ESTER (CARBONIC DICHLORIDE, POLYMER WITH 4,4'-(1-METHYLETHYLIDENE)BIS(PHENOL), 4-(1-METHYL-1-PHENYLETHYL)PHENYL ESTER)**

ID: **111211-39-3**

%: <b>0.6840 - 0.8130</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES:

**STAINLESS STEEL (STAINLESS STEEL)**

ID: **12597-68-1**

%: <b>0.6290</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES:

**BRASS (BRASS)**

ID: 12597-71-6

#: **0.4090** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**POLY(OXYMETHYLENE), \_-ACETYL-\_- (ACETYLOXY)- (POLY(OXYMETHYLENE), \_-ACETYL-\_- (ACETYLOXY)-)**

ID: 25231-38-3

#: **0.2990** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER (ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER)**

ID: 9003-56-9

#: **0.2240 - 0.9200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**STEEL MANUFACTURE, CHEMICALS (STEEL MANUFACTURE, CHEMICALS)**

ID: 65997-19-5

#: **0.1650** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**POLYETHYLENE (POLYETHYLENE)**

ID: 9002-88-4

#: **0.1460** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

## SUBSTANCE NOTES:

## 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.*

OTHER	Uniform Plumbing Code		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-08-01	EXPIRY DATE: 2018-08-01	CERTIFIER OR LAB: IAPMO R&T
APPLICABLE FACILITIES: Sloan Valve Company 10500 SEYMOUR AVE FRANKLIN PARK, IL 60131-1259			
CERTIFICATE URL: <a href="http://pld.iapmo.org/file_info.asp?file_no=0003349">http://pld.iapmo.org/file_info.asp?file_no=0003349</a>			
CERTIFICATION AND COMPLIANCE NOTES: Sloan Flushometer Valves (Urinal or Water Closet) are in compliance with the following codes: Uniform Plumbing Code (UPC®); National Plumbing Code of Canada; International Plumbing Code (IPC®). Sloan Flushometer Valves are also in compliance with the following standards: ASSE 1037-2015/ ASME A112.1037-2015/ CSA B125.37-15.			

OTHER	Green Uniform Plumbing Code		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-04-01	EXPIRY DATE: 2018-04-01	CERTIFIER OR LAB: IAPMO R&T
APPLICABLE FACILITIES: SLOAN VALVE COMPANY 10500 SEYMOUR AVE. FRANKLIN PARK, IL 60131-1259			
CERTIFICATE URL: <a href="http://pld.iapmo.org/file_info.asp?file_no=0007354">http://pld.iapmo.org/file_info.asp?file_no=0007354</a>			
CERTIFICATION AND COMPLIANCE NOTES: Sloan flushometers are in compliance with the following standards: IAPMO Green Plumbing & Mechanical Code Supplement 2015; Cal Green - 2016; and LEEDv4 - Updated July 2017.			

## 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

SOLIS The SOLIS is powered by a state-of-the-art photovoltaic technology that delivers sustainable and reliable solar



operation. It is available in 0.5 gpf, 0.25 gpf, 0.125 gpf, 1.28 gpf, 1.1 gpf and 1.6/1.1 dual-flush with Smart Sense Technology™ for controlled efficiency with every flush. The sensor automatically initiates a heavy or light flush based on how long user remains in sensor range and operates by means of an infrared sensor with multiple-focused, lobular sensing fields for high and low target detection. Sloan SOLIS® Solar powered Flushometers incorporate an intuitive button design for easy manual activation. ECOS The ECOS battery powered sensor flushometer is available in 0.5 gpf, 0.25 gpf, 0.125 gpf, 1.28 gpf, 1.1 gpf and 1.6/1.2 dual-flush with Smart Sense Technology™ for controlled efficiency with every flush. The push button(s) on top of the flush valve enable manual flushing with a standard or reduced flush at restroom visitor's discretion. G2 Sloan's G2 is a battery powered 1.28 gpf sensor flushometer. A push button on top of the flush valve enable manual flushing at restroom visitor's discretion.

## Section 6: References

### MANUFACTURER INFORMATION

**MANUFACTURER:** Sloan Valve Company  
**ADDRESS:** 10500 Seymour Avenue  
 Franklin Park IL 60131, USA  
**WEBSITE:** [sloan.com](http://sloan.com)

**CONTACT NAME:** Patrick Boyle  
**TITLE:** Director, Corporate Sustainability  
**PHONE:** 1 847.233.2082  
**EMAIL:** [Patrick.Boyle@sloan.com](mailto:Patrick.Boyle@sloan.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

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

### 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

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*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.*