

CLASSIFICATION: 22 42 16.13 Commercial Lavatories

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Sloan lavatories are white vitreous china exchangeable devices that can be connected to a plumbing system to deliver and drain water and are designed to help conserve water. Sloan lavatories are made of vitreous china with an overflow, are available for wall-hung or countertop installation, and may include the following options: backsplash, wheelchair access, and 4" (102 mm), 8" (203 mm), or single-hole centerset punching. Sloan lavatories are IAPMO certified to meet or exceed ASME A112.19.2 standards and meet ADA guidelines and ANSI A117.1 requirements.

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

INVENTORY AND SCREENING NOTES:

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

LAVATORY | KAOLIN CLAY (KAOLIN CLAY) | LT-UNK | CAN QUARTZ (QUARTZ) | LT-1 | CAN FELDSPAR (FELDSPAR) | LT-UNK | RES]

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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
 VERIFIER: SCS Global Services
 VERIFICATION #: qGE-3569

SCREENING DATE: 2017-12-01
 PUBLISHED DATE: 2018-02-06
 EXPIRY DATE: 2020-12-01

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

LAVATORY

#: 100.0000

HPD URL:

PRODUCT THRESHOLD: 100 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.

OTHER MATERIAL NOTES:

KAOLIN CLAY (KAOLIN CLAY)

ID: 1332-58-7

#: 44.5000 GS: LT-UNK RC: None NANO: No ROLE: Structure

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES:

QUARTZ (QUARTZ)

ID: 14808-60-7

#: 33.3000 GS: LT-1 RC: None NANO: No ROLE: Structure

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES:

%: 22.2000	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only		
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: 2017-10-01	EXPIRY DATE: 2018-10-31	CERTIFIER OR LAB: IAPMO R&T
APPLICABLE FACILITIES: Sloan Valve Company 10500 Seymour Ave Franklin Park, IL 60131-1259			
CERTIFICATE URL: http://pld.iapmo.org/file_info.asp?file_no=0006247			
CERTIFICATION AND COMPLIANCE NOTES: Sloan lavatories are in compliance with the following codes: Uniform Plumbing Code (UPC®); National Plumbing Code of Canada; International Plumbing Code (IPC®). Sloan lavatories are also in compliance with the following standards: ASME A112.19.2-2013/CSA B45.1-13 including Update No. 1 dated October 2013.			

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.

PLUMBER'S PUTTY	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:	
Plumber's putty is needed for initial installation of the drain and pop-up when installing the faucet, following the manufacturer's specifications.	

SILICONE SEALANT	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:	
Silicone sealant is needed for mounting during the initial installation. The general VOC content for this material type is: 28 g/L.	

Section 5: General Notes

All of the fixtures covered within this HPD are manufactured in our state of the art, Leadership in Energy and Environmental Design (LEED) Silver, zero municipal water facility in China. This facility was designed to capture rainwater and store it in underground storage tanks where it is then processed to drinking water quality. This water is then used to support the entire engineering center; from test benches and restrooms to showrooms and landscaping. Sloan lavatories are white vitreous china exchangeable devices that can be connected to a plumbing system to deliver and drain water and are designed to help conserve water. Sloan lavatories are made of vitreous china with an overflow, are available for wall-hung or countertop installation, and may include the following options: backsplash, wheelchair access, and 4" (102 mm), 8" (203 mm), or single-hole centerset punching. Sloan lavatories are International Association of Plumbing and Mechanical Officials (IAPMO) certified to meet or exceed American Society of Mechanical Engineers (ASME) A112.19.2 standards and meet American with Disabilities Act (ADA) guidelines and American National Standards Institute (ANSI) A117.1 requirements.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Sloan Valve Company**

ADDRESS: **10500 Seymour Avenue
Franklin Park IL 60131, USA**

WEBSITE: **sloan.com**

CONTACT NAME: **Patrick Boyle**

TITLE: **Director, Corporate Sustainability**

PHONE: **1 847.233.2082**

EMAIL: **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

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material

Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.