

CLASSIFICATION: 22 42 13.16 Commercial Urinals

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Sloan washdown urinals 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. The representative washdown urinal works with 0.125 to 0.5 gpf (gallons per flush)/0.5 to 1.9 Lpf (liters per flush), is made of vitreous china with a 3/4" top spud, has a 2" NPT outlet flange, and includes a removable strainer, inlet spud, and hanger. Sloan washdown urinals are IAPMO certified to meet or exceed ASME A112.19.2 standards, are WaterSense listed by the US Environmental Protection Agency, 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 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 Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with
Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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

URINAL [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: Green Uniform Plumbing Code

Other: USEPA WaterSense Label

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

PREPARER: Self-Prepared
VERIFIER: SCS Global Services
VERIFICATION #: qGE-3570

Yes
 No

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

URINAL

%: 100.0000

HPD URL:

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: 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

Green Uniform Plumbing Code

CERTIFYING PARTY: Third Party

ISSUE DATE: 2017-04-

EXPIRY DATE: 2018-

CERTIFIER OR LAB: IAPMO R&T

APPLICABLE FACILITIES: SLOAN VALVE COMPANY
10500 SEYMOUR AVE. FRANKLIN PARK, IL
60131-1259

01

04-01

CERTIFICATE URL: [http://pld.iapmo.org/file_info.asp?
file_no=0007354](http://pld.iapmo.org/file_info.asp?file_no=0007354)

CERTIFICATION AND COMPLIANCE NOTES: Sloan urinals are in compliance with the following standards: IAPMO Green Plumbing & Mechanical Code Supplement 2015; Cal Green - 2016; and LEEDv4 - Updated July 2017.

OTHER

USEPA WaterSense Label

CERTIFYING PARTY: Third Party

ISSUE DATE: 2017-03-

EXPIRY DATE: 2018-

CERTIFIER OR LAB: IAPMO R&T

APPLICABLE FACILITIES: SLOAN VALVE COMPANY 10500
SEYMOUR AVE. FRANKLIN PARK IL 60131-1259

01

03-01

CERTIFICATE URL:

[http://mirobase.iapmo.org/pld/listing_watersense.aspx?
file=6774](http://mirobase.iapmo.org/pld/listing_watersense.aspx?file=6774)

CERTIFICATION AND COMPLIANCE NOTES: Sloan urinals are in compliance with the High-Efficiency Flushing Urinal Specification standard, Version 1.0 Dated 8/14/09.

⊕ 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 CAULK

HPD URL: **No HPD available**

Plumber's Caulk is used for the initial installation. No specific or brand name caulk is required, so a general VOC content for Plumber's Caulk is 36 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 washdown urinals 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. The representative washdown urinal works with 0.125 to 0.5 gpf (gallons per flush)/0.5 to 1.9 Lpf (liters per flush), is made of vitreous china with a 3/4" top spud, has a 2" national pipe thread (NPT) outlet flange, and includes a removable strainer, inlet spud, and hanger. Sloan washdown urinals are International Association of Plumbing and Mechanical Officials (IAPMO) certified to meet or exceed American Society of Mechanical Engineers (ASME) A112.19.2 standards, are WaterSense listed by the US Environmental Protection Agency, and meet Americans 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	PHY Physical Hazard (reactive)
GHS SDS	Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet	REP Reproductive toxicity
AQU Aquatic toxicity	GLO Global warming	RES Respiratory sensitization
CAN Cancer	MAM Mammalian/systemic/organ toxicity	SKI Skin sensitization/irritation/corrosivity
DEV Developmental toxicity	MUL Multiple hazards	LAN Land Toxicity
END Endocrine activity	NEU Neurotoxicity	NF Not found on Priority Hazard Lists
EYE Eye irritation/corrosivity	OZO Ozone depletion	
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (insufficient data 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.