

CLASSIFICATION: 22 42 13.16 Commercial Urinals

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 ¾" 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.

created via: HPDC Online Builder

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

<b>Inventory Reporting Format</b> <input checked="" type="radio"/> Nested Materials Method <input type="radio"/> Basic Method	<b>Threshold level</b> <input checked="" type="radio"/> 100 ppm <input type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Per OSHA MSDS <input type="radio"/> Other	<b>Residuals/Impurities</b> Residuals/Impurities Considered in 1 of 1 Materials  Explanation(s) provided for Residuals/Impurities? <input checked="" type="radio"/> Yes <input type="radio"/> No	<i>Are All Substances Above the Threshold Indicated:</i> <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Percent Weight and Role Provided?</i> <b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Using Priority Hazard Lists with Results Disclosed?</i>  <b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Name and Identifier Provided?</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**  
  
**URINAL [ KAOLIN CLAY (KAOLIN CLAY) LT-UNK | CAN QUARTZ (QUARTZ) LT-1 | CAN FELDSPAR (FELDSPAR) LT-UNK | RES ]**

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:

**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

<b>Third Party Verified?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No	PREPARER: Self-Prepared VERIFIER: SCS Global Services VERIFICATION #: qGE-3570	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](http://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:				

%: <b>22.2000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Structure</b>
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: 2017-04-01	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 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: 2017-03-01	EXPIRY DATE: 2018-03-01	CERTIFIER OR LAB: IAPMO R&T
APPLICABLE FACILITIES: SLOAN VALVE COMPANY 10500 SEYMOUR AVE. FRANKLIN PARK IL 60131-1259			
CERTIFICATE URL: <a href="http://mirobase.iapmo.org/pld/listing_watersense.aspx?file=6774">http://mirobase.iapmo.org/pld/listing_watersense.aspx?file=6774</a>			
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.

<b>PLUMBER'S CAULK</b>	HPD URL: <b>No HPD available</b>
Sloan Fixtures - Urinals hpdrepository.hpd-collaborative.org	HPD v2.1 created via HPDC Builder Page 3 of 5

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

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 ¾" 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:	<b>Sloan Valve Company</b>	CONTACT NAME:	<b>Patrick Boyle</b>
ADDRESS:	<b>10500 Seymour Avenue</b>	TITLE:	<b>Director, Corporate Sustainability</b>
	<b>Franklin Park IL 60131, USA</b>	PHONE:	<b>1 847.233.2082</b>
WEBSITE:	<b>sloan.com</b>	EMAIL:	<b>Patrick.Boyle@sloan.com</b>

### KEY

<b>OSHA MSDS</b>	Occupational Safety and Health Administration Material Safety Data Sheet
<b>GHS SDS</b>	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

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.