Sloan Fixtures - Water Closets
by Sloan Valve Company

CLASSIFICATION: 22 42 13.13 Commercial Water Closets

PRODUCT DESCRIPTION: Sloan water closets 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 water closet works with 1.1 to 1.6 gpf (gallons per flush)/4.2 to 6.0 Lpf (liters per flush), is made of vitreous china with a 1-½” (38 mm) top spud, a 1-½” (38.1 mm) I.P.S. top spud inlet, a 2-1/8” (54 mm) fully glazed trapway, and a water spot area ranging from 10” x 7-½” (254 mm x 191 mm) to 11-¼” x 8-½” (286 mm x 216 mm). Sloan water closets 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

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
- Considered in 1 of 1 Materials

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.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER CLOSET</td>
<td>KAOLIN CLAY (KAOLIN CLAY)</td>
<td>LT-UNK</td>
<td>CAN QUARTZ (QUARTZ)</td>
<td>LT-3</td>
</tr>
</tbody>
</table>

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

Other: Green Uniform Plumbing Code
Other: USEPA WaterSense Label

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?
- Yes ☑️
- No ☐

PREPARER: Self-Prepared
VERIFIER: SCS Global Services
VERIFICATION #: qGE-3571

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)

### WATER CLOSET

<table>
<thead>
<tr>
<th>%: 100.0000</th>
<th>HPD URL:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRODUCT THRESHOLD:</strong> 100 ppm</td>
<td><strong>RESIDUALS AND IMPURITIES CONSIDERED:</strong> Yes</td>
</tr>
</tbody>
</table>

**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)

| %: 44.5000 | GB: LT-UNK | RC: None | NANO: No | ROLE: Structure |

<table>
<thead>
<tr>
<th>HASARDS:</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>MAK</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

### QUARTZ (QUARTZ)

| %: 33.3000 | GB: LT-1 | RC: None | NANO: No | ROLE: Structure |

<table>
<thead>
<tr>
<th>HASARDS:</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
</tr>
<tr>
<td>CANCER</td>
<td>New Zealand - GHS</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

Sloan Fixtures - Water Closets
hpdrepository.hpd-collaborative.org

HPD v2.1 created via HPDC Builder Page 2 of 5
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
APPLICABLE FACILITIES: SLOAN VALVE COMPANY
10500 SEYMOUR AVE. FRANKLIN PARK, IL 60131-1259
CERTIFICATE URL: http://pld.iapmo.org/file_info.asp?file_no=0007354
CERTIFICATION AND COMPLIANCE NOTES: Sloan water closets are in compliance with the following standards: IAPMO Green Plumbing & Mechanical Code Supplement 2015; Cal Green - 2016; and LEEDv4 - Updated July 2017.

USEPA WaterSense Label

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

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.

WAX SEAL/WAX RING

HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Wax Seal is used for initial installation.
Section 5: General Notes

All of the fixtures covered in 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 water closets 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 water closet works with 1.1 to 1.6 gpf (gallons per flush)/4.2 to 6.0 Lpf (liters per flush), is made of vitreous china with a 1-½” (38 mm) top spud, a 1-½” (38.1 mm) I.P.S. top spud inlet, a 2-1/8” (54 mm) fully glazed trapway, and a water spot area ranging from 10” x 7-½” (254 mm x 191 mm) to 11-¼” x 8-½” (286 mm x 216 mm). Sloan water closets 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 Standard Institute (ANSI) A117.1 requirements.

Section 6: References

Manufacturers Information

MANUFACTURER: Sloan Valve Company
ADDRESS: 10500 Seymour Avenue
Franklin Park IL 60131, United States
WEBSITE: sloan.com

CONTACT NAME: Patrick Boyle
TITLE: Director, Corporate Sustainability
PHONE: 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/irritation/corrosivity
GEN Gene mutation
GLO Global warming
MAM Mammalian/systemic/organ toxicity
NEU Neurotoxicity
OZO Ozone depletion
PBT Persistent Bioaccumulative Toxic
PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/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)
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.