

HPD UNIQUE IDENTIFIER: 23448

CLASSIFICATION: 22 42 39 Commercial Faucets

PRODUCT DESCRIPTION: Concetto combines stylish minimalist design with superior ergonomics to reflect the core values of the Cosmopolitan design. Consisting of a series of cylinders, an arched or medium height spout rises elegantly from the sink. Its purist beauty is highlighted by the high-gloss GROHE SilkMove® technology enables fingertip control of water flow and temperature. And all with an unbeatable price/performance ratio.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i>
<input checked="" type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	Residuals/Impurities	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	Considered in 21 of 21 Materials	<i>% weight and role provided for all substances.</i>
	<input type="radio"/> Per GHS SDS		
Threshold Disclosed Per	<input type="radio"/> Other	Explanation(s) provided for Residuals/Impurities?	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material		<input checked="" type="radio"/> Yes <input type="radio"/> No	<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
<input checked="" type="radio"/> Product			Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>All substances disclosed by Name (Specific or Generic) and Identifier.</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

OHM BASIN BODY [BRASS NoGS] OHM LEVER (COT) [ZINC, ELEMENTAL LT-P1 | AQU | END | MUL | PHY ALUMINUM BM-1 | RES | END | PHY MAGNESIUM LT-UNK | PHY COPPER LT-P1 | MUL | AQU] CONNECTION HOSE [RUBBER, SYNTHETIC EPDM NoGS BRASS NoGS POLYETHYLENE LT-UNK] CARTRIDGE 28 MM WITH ADAPTER [BRASS NoGS POLYETHYLENE LT-UNK CERAMIC MATERIALS AND WARES, CHEMICALS LT-P1 | MUL POLY(OXYMETHYLENE) NoGS STAINLESS STEEL NoGS NATURAL RUBBER LT-UNK | RES FATS AND GLYCERIDIC OILS, RICE BRAN (PRIMARY CASRN IS 68553-81-1) NoGS] SET SCREW ISO 4766 M8X50 CW614N [STAINLESS STEEL NoGS] INSERT CARTRIDGE [POLYSTYRENE LT-UNK CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK] RETAINING WASHER [STAINLESS STEEL NoGS] HEXAGON NUT [BRASS NoGS] RETAINING RING [BENZENE, 1,4-DICHLORO-, POLYMER WITH SODIUM SULFIDE (NA2S) LT-UNK] MOUSSEUR BODY, PRINTED ON USA [BRASS NoGS] BALL CAP [ABS RESIN LT-UNK COPPER LT-P1 | MUL | AQU NICKEL LT-1 | RES | CAN | SKI | MAM | MUL] FASTENING [STAINLESS STEEL NoGS] SHAPED SEAL [THERMOPLASTIC ELASTOMER NoGS] MOUSSEUR INSERT KL.1,5GPM GREEN [DELRIN NoGS RUBBER, SYNTHETIC EPDM NoGS] CONNECTION NIPPLE M22X1-M18X1,5-11,5 POM [POLY(OXYMETHYLENE) NoGS] SET SCREW ISO 4026-M6X6-A2-21H-KL [STAINLESS STEEL NoGS] O-RING SEAL 37,0X2,5 NBR/EPDM [1,3-BUTADIENE, POLYMER WITH 2-PROPENENITRILE LT-UNK CARBON BLACK BM-1 | CAN] SEALING RING Ø16,0XØ21,3X1,5 NBR/EPDM [ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This product is inventoried to a 100 ppm disclosure level.

CARBON BLACK BM-1 | CAN] O-RING SEAL 30,0X2,0 NBR/EPDM [
ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK
CARBON BLACK BM-1 | CAN] O-RING SEAL 34,0X1,5 NBR/EPDM [
ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK
CARBON BLACK BM-1 | CAN] O-RING SEAL 14 0X2,0 NBR/EPDM [
ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK
CARBON BLACK BM-1 | CAN]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: VOC Emissions

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-01-19

PUBLISHED DATE: 2021-01-19

EXPIRY DATE: 2024-01-19

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

OHM BASIN BODY

#: 68.3700

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

BRASS

ID: 12597-71-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-01-19

#: 100.0000

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Alloy element

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

OHM LEVER (COT)

#: 12.0300

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

ZINC, ELEMENTAL

ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-01-19

#: 69.7000 - 96.1000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Alloy element

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

AQU

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

AQU

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

END

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MUL

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

PHY

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHY

EU - GHS (H-Statements)

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

SUBSTANCE NOTES: N/A

ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **3.9000 - 8.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHY	EU - GHS (H-Statements)	H228 - Flammable solid
PHY	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: N/A

MAGNESIUM

ID: 7439-95-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **0.0200 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: N/A

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **0.0000 - 3.9000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES: N/A

CONNECTION HOSE

#: **6.4800**

PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

RUBBER, SYNTHETIC EPDM

ID: 308064-28-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **60.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

BRASS

ID: 12597-71-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **31.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **9.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CARTRIDGE 28 MM WITH ADAPTER%: **3.7000**PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Metal**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

BRASS

ID: 12597-71-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **30.2100 - 30.2300** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **27.9100 - 28.0500** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CERAMIC MATERIALS AND WARES, CHEMICALS

ID: 66402-68-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **18.3900 - 18.4500** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Glass component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: N/A

POLY(OXYMETHYLENE)

ID: 9002-81-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **13.2800 - 13.3500** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

STAINLESS STEEL

ID: 12597-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **5.9300 - 6.0600** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

NATURAL RUBBER

ID: 9006-04-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **1.7000 - 1.8200** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
SUBSTANCE NOTES: N/A		

FATS AND GLYCERIDIC OILS, RICE BRAN (PRIMARY CASRN IS 68553-81-1)

ID: 90106-37-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-19	
%: 1.4200	GS: NoGS	RC: None	NANO: No SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: N/A			

SET SCREW ISO 4766 M8X50 CW614N

%: 1.8500

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.		
OTHER MATERIAL NOTES: N/A		

STAINLESS STEEL

ID: 12597-68-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-19	
%: 100.0000	GS: NoGS	RC: None	NANO: No SUBSTANCE ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: N/A			

INSERT CARTRIDGE

%: 1.8500

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.		
OTHER MATERIAL NOTES: N/A		

POLYSTYRENE

ID: 9003-53-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **70.0000 - 90.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 6597-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **10.0000 - 30.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Insulator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

RETAINING WASHER%: **1.6800**

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

STAINLESS STEEL

ID: 12597-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **100.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

HEXAGON NUT%: **0.9400**

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

BRASS

ID: 12597-71-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **100.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

RETAINING RING%: **0.9300**

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

BENZENE, 1,4-DICHLORO-, POLYMER WITH SODIUM SULFIDE (NA2S)

ID: 26125-40-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **100.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

MOUSSEUR BODY, PRINTED ON USA%: **0.7400**

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

BRASS

ID: 12597-71-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **100.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

BALL CAP%: **0.2800**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

ABS RESIN

ID: 9003-56-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **82.7200 - 84.7200** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **9.8100 - 10.1200** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES: N/A

NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **4.9100 - 5.0600** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: N/A

FASTENING

#: 0.2500

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

STAINLESS STEEL

ID: 12597-68-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-01-19

#: 100.0000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

SHAPED SEAL

#: 0.2400

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

THERMOPLASTIC ELASTOMER

ID: 308079-71-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **96.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

MOUSSEUR INSERT KL.1,5GPM GREEN #: **0.2200**

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

DELTRIN

ID: 66455-31-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **89.5000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

RUBBER, SYNTHETIC EPDM

ID: 308064-28-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**

#: **10.5000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CONNECTION NIPPLE M22X1-M18X1,5-11,5 POM #: **0.1900**

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **98.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

SET SCREW ISO 4026-M6X6-A2-21H-KL %: **0.0800**PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Metal**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

STAINLESS STEELID: **12597-68-1**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **100.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

O-RING SEAL 37,0X2,5 NBR/EPDM %: **0.0700**PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

1,3-BUTADIENE, POLYMER WITH 2-PROPENENITRILE

ID: 9003-18-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **45.0000 - 55.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **30.0000 - 40.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: N/A

SEALING RING Ø16,0XØ21,3X1,5 NBR/EPDM %: 0.0300

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **40.0000 - 45.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **40.0000 - 45.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: N/A

O-RING SEAL 30,0X2,0 NBR/EPDM%: **0.0200**PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **40.0000 - 45.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **40.0000 - 45.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: N/A

O-RING SEAL 34,0X1,5 NBR/EPDM%: **0.0200**

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **40.0000 - 45.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **40.0000 - 45.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: N/A

O-RING SEAL 14 0X2,0 NBR/EPDM%: **0.0200**PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were investigated for this material, however based on supplier documentation it was confirmed that no residuals or impurities are present above 100 ppm of the product.

OTHER MATERIAL NOTES: N/A

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **40.0000 - 45.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-19**%: **40.0000 - 45.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: N/A

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.

VOC EMISSIONS	VOC Emissions
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-01- EXPIRY DATE: CERTIFIER OR LAB: Self-Declared
APPLICABLE FACILITIES: All facilities applicable.	19
CERTIFICATE URL:	
CERTIFICATION AND COMPLIANCE NOTES: N/A	

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

This health product declaration was prepared on behalf of LIXIL Americas, Inc. by Sustainable Solutions Corporation in Royersford, Pennsylvania.

MANUFACTURER INFORMATION

MANUFACTURER: Lixil Americas
ADDRESS: 1 Centennial Avenue
 Piscataway NJ 08854, USA
WEBSITE: <https://www.lixil.com/>

CONTACT NAME: Jeremy Cressman
TITLE: Sr. Director, Business Development & Partnership Marketing
PHONE: 732-980-3405
EMAIL: jeremy.cressman@lixil.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.