

CLASSIFICATION: 08 71 00 Hardware

PRODUCT DESCRIPTION: The SARGENT 10 Line Cylindrical Lock, is an ANSI/BHMA A156.2 Series 4000 Grade 1 certified mechanical cylindrical lock. The 10 Line is available with 21 different mechanical locking functions 2 electrical functions, 11 Architectural grade finishes and an array of lever options. • ANSI/BHMA A156.2 Series 4000 Grade 1 Certified • ADA American Disability Act, meets A117.1 Accessibility Code • UL/cUL Listed to US and Canadian safety standards for A label (3 hr) fire doors • Meets California State Reference code for levers with return to 1/2" of door face • Meets windstorm certifications (refer to local codes)

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 13 of 13 Materials

Explanation(s) provided
for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

All substances disclosed by Name (Specific or Generic) and Identifier.

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

ZINC [ZINC LT-P1 | AQU | PHY | END | MUL] 1010 STEEL [IRON LT-P1 | END MANGANESE LT-P1 | END | MUL | REP CARBON LT-UNK SULPHUR LT-UNK | SKI] BRASS [BRASS NoGS] 1050 STEEL [IRON LT-P1 | END MANGANESE LT-P1 | END | MUL | REP CARBON LT-UNK] 1008 STEEL [IRON LT-P1 | END MANGANESE LT-P1 | END | MUL | REP] 41L40 STEEL [IRON LT-P1 | END CHROMIUM LT-P1 | RES | END | SKI MANGANESE LT-P1 | END | MUL | REP CARBON LT-UNK LEAD BM-1 | DEL | CAN | PBT | REP | MUL | END | GEN PHOSPHORUS BM-2 | PHY | MAM] STAINLESS STEEL [STAINLESS STEEL LT-UNK] DUCTILE IRON [IRON LT-P1 | END CARBON LT-UNK SILICONE LT-UNK] MUSIC WIRE [IRON LT-P1 | END] FULTON 404 [WHITE DELRIN NoGS POLYTETRAFLUOROETHYLENE (PTFE) BM-1] 12L14 STEEL [STEEL NoGS] GALVANIZED STEEL [STEEL NoGS] NYLON 6.6 [NYLON 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:

The product inventory was screened to the 100 ppm threshold.

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

LCA: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: Self-Prepared

SCREENING DATE: 2020-04-01

Yes
 No

VERIFIER:
VERIFICATION #:

PUBLISHED DATE: 2020-04-02
EXPIRY DATE: 2023-04-01



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

ZINC

#: 36.50

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

#: 100.00

GS: LT-P1

RC: None

NANO: No

ROLE: Structural Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: N/A

1010 STEEL

#: 22.33

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-01**%: **99.18 - 99.62**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**SUBSTANCE NOTES: **N/A****MANGANESE**

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-01**%: **0.30 - 0.60**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor****MULTIPLE****German FEA - Substances Hazardous to Waters****Class 2 - Hazard to Waters****REPRODUCTIVE****GHS - Japan****Toxic to reproduction - Category 1B [H360]**SUBSTANCE NOTES: **N/A****CARBON**

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-01**%: **0.08 - 0.13**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **N/A****SULPHUR**

ID: 7704-34-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-01**%: **0.00 - 0.05**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION**EU - GHS (H-Statements)****H315 - Causes skin irritation**SUBSTANCE NOTES: **N/A**

BRASS

%: 15.83

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals and Impurities were considered and determined to be below the 100 ppm threshold.**

OTHER MATERIAL NOTES: **N/A**

BRASS

ID: **12597-71-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

%: 100.00

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **N/A**

1050 STEEL

%: 11.39

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals and Impurities were considered and determined to be below the 100 ppm threshold.**

OTHER MATERIAL NOTES: **N/A**

IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

#: **98.46 - 98.92**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **N/A**

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

#: **0.60 - 0.90**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

REPRODUCTIVE

GHS - Japan

Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: **N/A**

CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

#: **0.47 - 0.55**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **N/A**

1008 STEEL

#: **5.38**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

#: 99.31 - 99.70 GS: LT-P1 RC: None NANO: No ROLE: Structural Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: N/A

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

#: 0.30 - 0.50 GS: LT-P1 RC: None NANO: No ROLE: Structural Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

REPRODUCTIVE

GHS - Japan

Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: N/A

41L40 STEEL

#: 3.27

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

#: 96.48 - 97.77 GS: LT-P1 RC: None NANO: No ROLE: Structural Component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: N/A

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-01**

#: **0.80 - 1.10** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structural Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: N/A

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-01**

#: **0.76 - 1.01** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structural Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: N/A

CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-04-01**

#: **0.37 - 0.43** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structural Component**

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

SUBSTANCE NOTES: N/A

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-01**%: **0.15 - 0.34**GS: **BM-1**RC: **None**NANO: **No**ROLE: **Structural Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Toxics Release Inventory PBTs	PBT
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	GHS - Korea	Carcinogenicity - Category 1 [H350 - May cause cancer]
REPRODUCTIVE	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]

REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A
DEVELOPMENTAL	GHS - Australia	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]

SUBSTANCE NOTES: N/A

PHOSPHORUS

ID: 7723-14-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

#: **0.00 - 0.34**

GS: **BM-2**

RC: **None**

NANO: **No**

ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

MAMMALIAN

US EPA - EPCRA Extremely Hazardous Substances

Extremely Hazardous Substances

SUBSTANCE NOTES: N/A

STAINLESS STEEL

#: **2.25**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals and Impurities were considered and determined to be below the 100 ppm threshold.**

OTHER MATERIAL NOTES: **N/A**

STAINLESS STEEL

ID: 65997-19-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

#: **100.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

DUCTILE IRON

%: 1.84

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

%: 92.01 - 94.24

GS: LT-P1

RC: None

NANO: No

ROLE: Structural Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: N/A

CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

%: 3.42 - 3.80

GS: LT-UNK

RC: None

NANO: No

ROLE: Structural Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

SILICONE

ID: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

%: 2.34 - 2.77

GS: LT-UNK

RC: None

NANO: No

ROLE: Structural Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

MUSIC WIRE

%: 0.44

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

%: **100.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **N/A**

FULTON 404

%: **0.35**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals and Impurities were considered and determined to be below the 100 ppm threshold.**

OTHER MATERIAL NOTES: **N/A**

WHITE DELRIN

ID: 9002-81-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

%: **80.00** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **N/A**

POLYTETRAFLUOROETHYLENE (PTFE)

ID: 9002-84-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

%: **20.00** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Structural Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **N/A**

12L14 STEEL

%: **0.25**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

#: 100.00

GS: NoGS

RC: None

NANO: No

ROLE: Structural Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

GALVANIZED STEEL

#: 0.16

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-01

#: 100.00

GS: NoGS

RC: None

NANO: No

ROLE: Structural Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

NYLON 6.6

#: 0.03

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 100 ppm threshold.

OTHER MATERIAL NOTES: N/A

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-01**

#: **63.33 - 100.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Plastic Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

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: **2020-**

EXPIRY DATE:

CERTIFIER OR LAB: **Self-Declared**

APPLICABLE FACILITIES: **All Facilities**

04-01

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

LCA

Environmental Product Declaration

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2015-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All Facilities**

05-18

05-18

Environment

CERTIFICATE URL: **<https://spot.ul.com/>**

CERTIFICATION AND COMPLIANCE NOTES:

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 by Sustainable Solutions Corporation of Royersford, PA on behalf of the ASSA ABLOY Door Group.



MANUFACTURER INFORMATION

MANUFACTURER: **ASSA ABLOY**

ADDRESS: **110 Sargent Drive**

New Haven CT 06511, United States

WEBSITE: **www.assaabloydss.com/sustainability**

CONTACT NAME: **Amy Musanti**

TITLE: **Director- Sustainable Building Solutions**

PHONE: **2036035919**

EMAIL: **amy.musanti@assaabloy.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.