

CLASSIFICATION: 08 74 00

PRODUCT DESCRIPTION: 1200lb Magnetic Door Lock: Magnetic lock providing 1200lbs of holding force; Fully sealed electronics are protected from water and dust; Surface mounted with minimal tools; Mounted using steel machine screws into finishing nuts; Architectural brushed stainless steel finish (US32D/630); Ten feet [3.05m] of jacketed, stranded conductor; Operates with 12 or 24V DC power; and UL Listed

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 15 of 15 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 except SC substances characterized according to SC guidance.

Screened

Yes Ex/SC  Yes  No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified

Yes Ex/SC  Yes  No

All substances disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC guidance.

Threshold Disclosed Per

- Material
- Product

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](#)

STEEL [ IRON LT-P1 | END MANGANESE LT-P1 | END | MUL | REP NICKEL LT-1 | CAN | MAM | RES | SKI | MUL ZINC LT-P1 | AQU | PHY | END | MUL ] SC:ELECTRONICS:ELECTRONICS [ SC:PRINTED CIRCUIT BOARD Not Screened ] ZINC (HEAVY BUILD) [ ZINC LT-P1 | AQU | PHY | END | MUL ] COPPER [ COPPER LT-UNK ] STAINLESS STEEL [ STAINLESS STEEL NoGS ] ELECT COATING 148531 [ ACETONE LT-P1 | PHY | EYE | END | DEL 2-PROPENENTRILE, POLYMER WITH 1,3-BUTADIENE LT-UNK DISPROPORTIONATED ROSIN, GLYCEROL ESTER LT-UNK FORMALDEHYDE LT-1 | RES | CAN | MAM | SKI | GEN | MUL | END SALICYLIC ACID NoGS ZINC OXIDE BM-1 | AQU | MUL | RES ] URETHANE [ ETHYL CARBAMATE LT-1 | CAN | DEL | MUL | GEN ] CABLE ASSY 62 STD LK [ COPPER LT-UNK NATURAL RUBBER LATEX LT-UNK | RES ] INSULATOR-62 CORE [ POLYBUTYLENE TEREPHTHALATE NoGS ] ALUMINUM [ ALUMINUM LT-P1 | PHY | END | RES ] BUSHING NYLON CLR [ NYLON NoGS ] WASHER 60 NEOPRENE [ NEOPRENE LT-UNK ] THREADLOCK PAK [ LIMESTONE; CALCIUM CARBONATE LT-UNK WATER BM-4 KAOLIN CLAY LT-UNK | CAN ETHYLENE GLYCOL BM-1 | DEL | END ] ABS PLASTIC [ ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK ] BUSHING STRIKE PLATE [ POLY(OXYMETHYLENE), -ACETYL--(ACETYLOXY)- LT-UNK ]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen  
Benchmark or List translator Score ... BM-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: Electronics

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

This product was screened to the 1000 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  
Other: Declare Label

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2019-11-25

PUBLISHED DATE: 2019-11-25

EXPIRY DATE: 2022-11-25

## 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.hpdc-collaborative.org/hpd-2-1-1-standard](http://www.hpdc-collaborative.org/hpd-2-1-1-standard)

### STEEL

#: 32.76

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals were considered and determined to be below the 1000 ppm threshold

OTHER MATERIAL NOTES: Material found in the following components: SEX BOLT 32/62/82; LAM 62/68 (P1-P2); STRIKE 62; STEEL RELAY NO.2; Hdw Pack 62/82: 31 pieces; SCREW 5/16-18 x1-3/4; ROLL PIN 1/4 x 1-1/4; and INSTALL NUT [LOCK]

## IRON

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**

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

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

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

SUBSTANCE NOTES: **Structural Component**

## MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**

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

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

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: **Structural Component**

## NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	CA EPA - Prop 65	Carcinogen

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **Structural Component**

## ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

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

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

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **Structural Component**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals were considered and determined to be below the 1000 ppm threshold

OTHER MATERIAL NOTES: SpecialConditionApplied:Electronics --- Material found in the following components: Mag: 62; RLY V23105A5003A201; PCB: MDV-682 (OV); RES-CF 20Ω 5% 1/2W RoHS; RES-CF 47Ω 5% 1/2W RoHS-REACH; VDR 27V 0.02W ERZV07D270 "PANASONIC" RoHS; E-CAP 47uF 25V 20% ECEA1EN470U "PANASONIC" RoHS; E-CAP 6.8uF 35V 20% 105°C EEAGA1V6R8 "PANASONIC" RoHS-REACH; DIODE 1N4007 1A 1000V AXIAL "DC" RoHS-REACH; DIODE-ZENER 11V 1/2W AXIAL 1N5241BTR "FAIRCHILD" T&R RoHS; PCB-D/S FR4 47.6X36.8X1.6MM ENIG RoHS-REACH; HEADER 2PIN 2.54MM GOLD CS-1110N-02(PA6T) "CHYAO SHIUN" RoHS

## SC:PRINTED CIRCUIT BOARD

ID: SC:Electronics

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-25

%: 100.00	GS: Not Screened	RC: None	NANO: No	ROLE: PCB
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

## SUBSTANCE NOTES:

Version: SCElec/2018-02-23

Brief Description: Printed Circuit Board is essential to operation of power driven assembly system

Compliance: RoHS Compliant

Takeback Program: No Entry

No CAS number is assigned for electronic substances

## ZINC (HEAVY BUILD)

%: 23.94

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals were considered and determined to be below the 1000 ppm threshold

OTHER MATERIAL NOTES:

## ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-25

%: 100.00 - 100.00	GS: LT-P1	RC: None	NANO: No	ROLE: ZINC
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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: Lock Components

## COPPER

%: 3.62

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals were considered and determined to be below the 1000 ppm threshold

OTHER MATERIAL NOTES: Material found in the following components: COIL [62-12/24 LOCK]; and WIRE MAG #29 RED

## COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-25

%: 100.00 - 100.00	GS: LT-UNK	RC: None	NANO: No	ROLE: COPPER
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Wiring Component

## STAINLESS STEEL

%: 2.55

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals were considered and determined to be below the 1000 ppm threshold

**STAINLESS STEEL**

ID: 12597-68-1

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>100.00 - 100.00</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Stainless Steel</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
<b>None found</b>		<b>No warnings found on HPD Priority Hazard Lists</b>		
SUBSTANCE NOTES: <b>Various</b>				

**ELECT COATING 148531**

%: 1.99

PRODUCT THRESHOLD: <b>1000 ppm</b>	RESIDUALS AND IMPURITIES CONSIDERED: <b>Yes</b>
RESIDUALS AND IMPURITIES NOTES: <b>Residuals were considered and determined to be below the 1000 ppm threshold</b>	
OTHER MATERIAL NOTES:	

**ACETONE**

ID: 67-64-1

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>60.00 - 75.00</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>ACETONE</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
<b>PHYSICAL HAZARD (REACTIVE)</b>	<b>EU - GHS (H-Statements)</b>	<b>H225 - Highly flammable liquid and vapour</b>		
<b>EYE IRRITATION</b>	<b>EU - GHS (H-Statements)</b>	<b>H319 - Causes serious eye irritation</b>		
<b>ENDOCRINE</b>	<b>TEDX - Potential Endocrine Disruptors</b>	<b>Potential Endocrine Disruptor</b>		
<b>DEVELOPMENTAL</b>	<b>MAK</b>	<b>Pregnancy Risk Group B</b>		
SUBSTANCE NOTES: <b>Electronics Component</b>				

**2-PROPENITRILE, POLYMER WITH 1,3-BUTADIENE**

ID: 9003-18-3

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>10.00 - 20.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>2-Propenenitrile, polymer with 1,3-butadiene</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
<b>None found</b>		<b>No warnings found on HPD Priority Hazard Lists</b>		
SUBSTANCE NOTES: <b>Electronics Component</b>				

**DISPROPORTIONATED ROSIN, GLYCEROL ESTER**

ID: 8050-31-5

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>5.00 - 10.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>DISPROPORTIONATED ROSIN, GLYCEROL ESTER</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
<b>None found</b>		<b>No warnings found on HPD Priority Hazard Lists</b>		
SUBSTANCE NOTES: <b>Electronics Coating</b>				

**FORMALDEHYDE**

ID: 50-00-0

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>5.00 - 10.00</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>FORMALDEHYDE</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEAs - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
CANCER	GHS - Korea	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Electronics Coating

### SALICYLIC ACID

ID: 63-36-5

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>1.00 - 3.00</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>SALICYLIC ACID</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: Electronics Component

### ZINC OXIDE

ID: 1314-13-2

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>1.00 - 2.00</b>	GS: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>ZINC OXIDE</b>
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		
MULTIPLE	German FEAs - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		

SUBSTANCE NOTES: Electronics Component

### URETHANE

%: 1.95

PRODUCT THRESHOLD: <b>1000 ppm</b>	RESIDUALS AND IMPURITIES CONSIDERED: <b>Yes</b>
RESIDUALS AND IMPURITIES NOTES: Residuals were considered and determined to be below the 1000 ppm threshold	

**ETHYL CARBAMATE**

ID: 51-79-6

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>100.00 - 100.00</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>ETHYL CARBAMATE</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans		
CANCER	CA EPA - Prop 65	Carcinogen		
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity		
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen		
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer		
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man		
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man		
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence		
CANCER	GHS - Korea	Carcinogenicity - Category 1 [H350 - May cause cancer]		
GENE MUTATION	GHS - Korea	Germ cell mutagenicity - Category 1 [H340 - May cause genetic defects]		
CANCER	GHS - Japan	Carcinogenicity - Category 1B [H350]		
GENE MUTATION	MAK	Germ Cell Mutagen 3a		
GENE MUTATION	GHS - Australia	H340 - May cause genetic defects		
CANCER	GHS - Australia	H350 - May cause cancer		
SUBSTANCE NOTES: Lock Component				

**CABLE ASSY 62 STD LK**

%: 0.75

PRODUCT THRESHOLD: <b>1000 ppm</b>	RESIDUALS AND IMPURITIES CONSIDERED: <b>Yes</b>
RESIDUALS AND IMPURITIES NOTES: Residuals were considered and determined to be below the 1000 ppm threshold	
OTHER MATERIAL NOTES:	

**COPPER**

ID: 7440-50-8

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>70.00 - 70.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>COPPER</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Cable Component				

**NATURAL RUBBER LATEX**

ID: 9006-04-6

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-11-25</b>		
%: <b>30.00 - 30.00</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Natural Rubber Latex</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization		
SUBSTANCE NOTES: Cable Component				

**INSULATOR-62 CORE**

%: 0.39

PRODUCT THRESHOLD: <b>1000 ppm</b>	RESIDUALS AND IMPURITIES CONSIDERED: <b>Yes</b>
RESIDUALS AND IMPURITIES NOTES: Residuals were considered and determined to be below the 1000 ppm threshold	
OTHER MATERIAL NOTES:	

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **100.00 - 100.00**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Polybutylene Terephthalate**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Insulator Component****ALUMINUM**%: **0.09**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Residuals were considered and determined to be below the 1000 ppm threshold**OTHER MATERIAL NOTES: **Material found in the following component: NUTSERT 1/4-20 [2pc]****ALUMINUM**ID: **7429-90-5**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **100.00 - 100.00**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **ALUMINUM**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **Locking Component****BUSHING NYLON CLR**%: **0.04**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Residuals were considered and determined to be below the 1000 ppm threshold**

OTHER MATERIAL NOTES:

**NYLON**ID: **63428-83-1**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **100.00 - 100.00**GS: **NoGS**RC: **None**NANO: **No**ROLE: **NYLON**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Bushing Component****WASHER 60 NEOPRENE**%: **0.03**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Residuals were considered and determined to be below the 1000 ppm threshold**

OTHER MATERIAL NOTES:



**NEOPRENE**

ID: 9010-98-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **100.00 - 100.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Polybutylene Terephthalate**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Washer Component****THREADLOCK PAK**%: **0.03**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Residuals were considered and determined to be below the 1000 ppm threshold**

OTHER MATERIAL NOTES:

**LIMESTONE; CALCIUM CARBONATE**

ID: 1317-65-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **60.00 - 60.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **LIMESTONE; CALCIUM CARBONATE**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Adhesive Component****WATER**

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **34.00 - 34.00**GS: **BM-4**RC: **None**NANO: **No**ROLE: **WATER**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Adhesive Component****KAOLIN CLAY**

ID: 1332-58-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **5.00 - 5.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **KAOLIN CLAY**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**CANCER****MAK**

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: **Adhesive Component****ETHYLENE GLYCOL**

ID: 107-21-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **1.00 - 1.00**GS: **BM-1**RC: **None**NANO: **No**ROLE: **ETHYLENE GLYCOL**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**DEVELOPMENTAL**

CA EPA - Prop 65

Developmental toxicity

**DEVELOPMENTAL**

US NIH - Reproductive &amp; Developmental Monographs

Clear Evidence of Adverse Effects - Developmental Toxicity

**ENDOCRINE**

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: **Adhesive Component****ABS PLASTIC**%: **0.02**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Residuals were considered and determined to be below the 1000 ppm threshold**OTHER MATERIAL NOTES: **Material found in the following component: SCREW CAP GREY; and HDW ASSY: INSTAL NUT**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **100.00 - 100.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Plastics Component****BUSHING STRIKE PLATE**%: **0.01**PRODUCT THRESHOLD: **1000 ppm**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**RESIDUALS AND IMPURITIES NOTES: **Residuals were considered and determined to be below the 1000 ppm threshold**

OTHER MATERIAL NOTES:

**POLY(OXYMETHYLENE), \_-ACETYL-\_- (ACETYLOXY)-**ID: **25231-38-3**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-25**%: **100.00 - 100.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Poly(oxymethylene), \_-acetyl-\_- (acetyloxy)-**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**None found**

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Bushing Component**

### 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: <b>Self-declared</b> APPLICABLE FACILITIES: <b>All facilities</b> CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: <b>N/A for product type</b>	ISSUE DATE: <b>2019-07-10</b>	EXPIRY DATE:	CERTIFIER OR LAB: <b>Self Declared</b>
LCA	Environmental Product Declaration		
CERTIFYING PARTY: <b>Third Party</b> APPLICABLE FACILITIES: <b>NA</b> CERTIFICATE URL: <a href="http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20and%20Hardware/139.1_ASSA%20ABLOY_mrEPD_SecuritronMagnetsM62.pdf">http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20and%20Hardware/139.1_ASSA%20ABLOY_mrEPD_SecuritronMagnetsM62.pdf</a> CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: <b>2015-10-01</b>	EXPIRY DATE: <b>2020-12-01</b>	CERTIFIER OR LAB: <b>ILFI ULE</b>
OTHER	Declare Label		
CERTIFYING PARTY: <b>Third Party</b> APPLICABLE FACILITIES: <b>NA</b> CERTIFICATE URL: <a href="http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/SECURITRON%20M62%20MAGNALOCK.jpg">http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/SECURITRON%20M62%20MAGNALOCK.jpg</a> CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: <b>2015-10-01</b>	EXPIRY DATE: <b>2020-12-01</b>	CERTIFIER OR LAB: <b>ILFI</b>

### 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, Pennsylvania on behalf of 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

<b>Hazard Types</b>		
<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

<b>GreenScreen (GS)</b>	
<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.*