

HPD UNIQUE IDENTIFIER: 28414

CLASSIFICATION: 08 34 53 Security Doors and Frames

PRODUCT DESCRIPTION: Service doors provide security against entry as well as protection from weather at exterior and interior openings in industrial, commercial, institutional and other buildings. These doors are made from slats of formed galvanized steel, aluminum or stainless steel that roll up to store in a coil above an opening. This HPD covers the following products in Steel: Roll Up Service Door (Model ESD10); Counter Doors (Models ESC10, ESC15, ESC20); Extreme High Performance Service Doors (Models EPD300, EPD1024). Hand-crank, push-up and motor operation are available.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

| | | | |
|--|--|--|--|
| <p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p> | <p>Threshold Level</p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p> | <p>Residuals/Impurities</p> <p><input checked="" type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> | <p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input checked="" type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances except SC substances characterized according to SC guidance.</i></p> <p>Screened <input checked="" type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i></p> |
|--|--|--|--|

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
STANDARD ROLLING DOORS & SHUTTERS | STEEL NoGS
UNDISCLOSED NoGS **TITANIUM DIOXIDE** LT-1 | CAN | END
ALUMINUM HYDROXIDE, DRIED BM-2 | RES **NYLON-66** LT-UNK
AROMATIC NAPHTHA, TYPE 1 LT-1 | END | CAN | MUL | GEN | MAM
TRIGLYCIDYL ISOCYANURATE LT-1 | MUL | RES | GEN | SKI | MAM |
EYE ALUMINUM BM-1 | END | RES | PHY **SC:MOTOR** Not Screened |

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:

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 Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.2, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Substances not "Identified" are those considered proprietary to suppliers.

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: Inherently non-emitting source per LEED®

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: 2022-05-02

PUBLISHED DATE: 2022-05-02

EXPIRY DATE: 2025-05-02

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

STANDARD ROLLING DOORS & SHUTTERS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were "Considered", as outlined in Emerging Best Practices. No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

OTHER PRODUCT NOTES: Percent by weight of substances given as ranges to account for material differences within and between product lines.

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-02 20:05:14

#: 93.5000 - 98.0000 GS: NoGS RC: Both NANO: No SUBSTANCE ROLE: Structure component

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

SUBSTANCE NOTES: Curtain, Hood, Brackets, Counter-Balance Shaft, Removable Bell Mouth, Guides, Bottom Bar (for doors with width greater than 21'5"), Castings, Endlocks, motor components. Recycled content includes up to 99.8% total (17.0% pre-consumer, and 82.8% post-consumer content). Documentation from suppliers provide the following composition for alloying elements that may individually exceed the declared threshold: max 2.0% Manganese [7439-96-5; LT-P1]; max 1.0% Silicon [7440-21-3; LT-UNK]; max 1.0% Chromium [7440-47-3; LT-P1]; max 0.4% Nickel [7440-02-0; LT-1]; max 0.4% Copper [7440-50-8; LT-UNK]; max 0.2% Vanadium [7440-62-2; LT-1].

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-02 20:05:15

#: 0.5000 - 1.5000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: Polyester powder coating and enamel. Substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is not included on the Living Building Challenge (LBC) Red List Chemical Guide Version 4.0.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-02 20:05:15

#: 0.1000 - 1.0000 GS: LT-1 RC: None NANO: No SUBSTANCE ROLE: Pigment

| 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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| CAN | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

SUBSTANCE NOTES: Polyester powder coating and enamel. Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Form-specific hazards: airborne particles of respirable size – occupational setting.

ALUMINUM HYDROXIDE, DRIED

ID: 21645-51-2

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-05-02 20:05:16 | | |
|---|------------------------|---|-----------------|-------------------------------|
| %: 0.1000 - 1.0000 | GS: BM-2 | RC: None | NANO: No | SUBSTANCE ROLE: Filler |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced | | |

SUBSTANCE NOTES: Polyester powder coating. GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool.

NYLON-66

ID: 32131-17-2

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-05-02 20:05:16 | | |
|---|------------------------|---|-----------------|--|
| %: 0.0100 - 0.1000 | 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: Endlocks

AROMATIC NAPHTHA, TYPE 1

ID: 64742-95-6

| | | | | |
|---|-----------------|---|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-05-02 20:05:16 | | |
| %: 0.0100 - 0.1000 | GS: LT-1 | RC: None | NANO: No | SUBSTANCE ROLE: Solvent |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|--|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| CAN | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| CAN | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| MUL | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |
| GEN | EU - REACH Annex XVII CMRs | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man |
| GEN | EU - Annex VI CMRs | Mutagen - Category 1B |
| CAN | GHS - Australia | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B] |
| GEN | GHS - Australia | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B] |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1] |
| GEN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B] |

SUBSTANCE NOTES: Polyester enamel and primer.

TRIGLYCIDYL ISOCYANURATE

ID: 2451-62-9

| | |
|---|---|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2022-05-02 20:05:17 |
| %: 0.0100 - 0.1000 | GS: LT-1 |
| RC: None | NANO: No |
| SUBSTANCE ROLE: Curing agent | |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|--|
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| MUL | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |
| RES | MAK | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| GEN | EU - REACH Annex XVII CMRs | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man |
| GEN | EU - Annex VI CMRs | Mutagen - Category 1B |
| GEN | EU - SVHC Authorisation List | Mutagenic - Candidate list |
| GEN | GHS - Japan | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1B] |
| GEN | GHS - Korea | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1] |
| SKI | EU - GHS (H-Statements) Annex 6 Table 3-1 | H317 - May cause an allergic skin reaction [Skin sensitization - Category 1] |
| GEN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3] |
| EYE | EU - GHS (H-Statements) Annex 6 Table 3-1 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1] |
| GEN | GHS - New Zealand | Germ cell mutagenicity category 1 |

SUBSTANCE NOTES: Polyester powder coating.

ALUMINUM

ID: 7429-90-5

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|--|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |
| PHY | EU - GHS (H-Statements) Annex 6 Table 3-1 | H228 - Flammable solid [Flammable solids - Category 1 or 2] |
| PHY | EU - GHS (H-Statements) Annex 6 Table 3-1 | H261 - In contact with water releases flammable gases [Substances and mixtures which, in contact with water, emit flammable gases - Category 2 or 3] |

SUBSTANCE NOTES: Bottom bar (for doors with width less than 21'5"), motor components. GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

%: **0.0000 - 2.0000** GS: **Not Screened** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Electronic component**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|--------------------------------|------------------------|----------|
| Hazard Screening not performed | | |

SUBSTANCE NOTES:

Version: SCElec/2018-02-23

Brief Description: Electrical components of optional motorized operator.

Compliance: The printed circuit board is compliant to RoHS in the SGS test report of ETR21702252M01 on July 21, 2021 and contains no Halons, CFCs, HCFCs or Formaldehyde materials.

Takeback Program: Component is not currently included in a takeback program. Non-electrical components of motorized operator are steel and aluminum, and are included in the relevant line item entries.

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

Inherently non-emitting source per LEED®

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2022-03-

EXPIRY DATE:

CERTIFIER OR LAB: N/A

APPLICABLE FACILITIES: Mountain Top, PA 18707

30

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: This product consists of at least 98% powder-coated, plated or anodized metal, of which LEED considers inherently non-emitting sources of VOCs. Supplier has confirmed that the motorized operator has no VOC emission (Test report CE/2014/25041).

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.

SPECTRASHIELD POWDER COAT FINISH

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

SpectraShield is an environmentally friendly, factory applied polyester powder coating option that adds aesthetic value. Layered on top of the standard GalvaNex finish, the SpectraShield finish includes a zirconium pre-treatment followed by a baked-on polyester powder coating. Available in a palette of more than 180 standard RAL colors. Contact manufacturer if more information is required.

ULTRA POWDER COAT FINISH

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Ultra Powder Coat Finish is an optional top coating that provides a more durable finish for the curtains. Contact manufacturer if more information is required.

SAFETY SENSING EDGES

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Sensing edge system is an entrapment protection device that requires a physical connection between the bottom bar sensing edge device and the motor operator. Contact manufacturer if more information is required.

PHOTO EYES

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Optional entrapment protection device that consists of NEMA 4x or 1 photo eye sensors. Contact manufacturer if more information is required.

SAFETYGARD LIGHT CURTAINS

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Optional entrapment protection device that attaches to the guide offering minimal disruption and a clean look. Contact manufacturer if more information is required.

CONTROLGARD HAND CHAIN

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Optional braking chain hoist to keep users safe and extend the life of a chain-operated rolling door. Can be ordered on a new overhead door or retrofitted to existing chain-operated rolling doors. Contact manufacturer if more information is required.



MANUFACTURER INFORMATION

MANUFACTURER: CornellCookson
ADDRESS: 24 Elmwood Avenue
Mountain Top PA 18707, USA
WEBSITE: <https://www.cornellcookson.com/>

CONTACT NAME: Nicole Vivalda
TITLE: Product Manager
PHONE: 800.233.8366
EMAIL: Nicole.Vivalda@cornellcookson.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) | NoGS No GreenScreen. |
| 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) | |

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.