Medium Security Access Door by Babcock-Davis

CLASSIFICATION: 03 31 00 Openings: Access Doors and Panels

PRODUCT DESCRIPTION: Medium Security Access Doors are manufactured with heavy-duty materials to provide controlled access to mechanical, electrical and plumbing fixtures behind a wall or in the ceiling. This HPD covers Babcock-Davis Medium Security Access Doors in standard 12 gauge Steel or optional Type 304 Stainless Steel with standard options (BMT/BMW/BMP). Alternate or optional accessories are included in Section 4: Accessories.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
<th>All Substances Above the Threshold Indicated Are:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Nested Materials Method</td>
<td>☐ 100 ppm</td>
<td>☐ Considered</td>
<td>Characterized ☐ Yes Ex/SC ☐ Yes ☐ No % weight and role provided for all substances.</td>
</tr>
<tr>
<td>☐ Basic Method</td>
<td>☐ 1,000 ppm</td>
<td>☐ Partially Considered</td>
<td>Screened ☐ Yes Ex/SC ☐ Yes ☐ No All substances screened using Priority Hazard Lists with results disclosed.</td>
</tr>
<tr>
<td></td>
<td>☐ Per GHS SDS</td>
<td>☐ Not Considered</td>
<td>Identified ☐ Yes Ex/SC ☐ Yes ☐ No One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</td>
</tr>
<tr>
<td></td>
<td>☐ Per OSHA MSDS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>☐ Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Threshold Disclosed Per

☐ Material
☐ Product

Residuals/Impurities

☐ Considered
☐ Partially Considered
☐ Not Considered

Explanation(s) provided for Residuals/Impurities?

☐ Yes ☐ No

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY |
----------|-----------|----------------------|
GREENSCREEN SCORE | HAZARD TYPE |
MEDIUM SECURITY ACCESS DOOR | STEEL NoGS STAINLESS STEEL NoGS ZINC LT-P1 | AQU PHY | END | MUL TITANIUM DIOXIDE LT-1 | CAN | END ALUMINA TRIHYDRATE BM-2 | RES UNDISCLOSED NoGS |

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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

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

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1.1, 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.

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: 2019-09-14
PUBLISHED DATE: 2019-09-24
EXPIRY DATE: 2022-09-14
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

### MEDIUM SECURITY ACCESS DOOR

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and Impurities were considered by following the suggestions of Emerging Best Practices. Approximately 99% of this product consists of metal alloys, for which Pharos CML may consider the various alloying elements as "Known or Potential Residuals". Therefore, these components have been included in the Substance Notes instead of as individual content entries. Components are listed by name, CASRN, percent by weight (as per supplier SDS), and relevant GreenScreen score.

**OTHER PRODUCT NOTES:**

#### STEEL

- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
- **HAZARD SCREENING DATE:** 2019-09-14
- **%:** 98.00 - 99.50  
- **GS:** NoGS  
- **RC:** Both  
- **NANO:** No  
- **ROLE:** Base Metal

**HAZARD TYPE**  
None found

**AGENCY AND LIST TITLES**  

**WARNINGS**  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** Standard door/frame, flange, hinge, latch. Recycled content estimated by supplier for majority of steel used in this product: 19.8% post-consumer; 14.4% pre-consumer. Documentation from supplier provides the following composition for alloying elements that may individually exceed the declared threshold: max 3.1% Silicon [7440-21-3; LT-UNK]; max 2.5% Manganese [7439-96-5; LT-P1]; max 1.6% Aluminum [7429-90-5; LT-P1]; max 0.5% Nickel [7440-02-0; LT-1].

#### STAINLESS STEEL

- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
- **HAZARD SCREENING DATE:** 2019-09-14
- **%:** 86.50 - 90.00  
- **GS:** NoGS  
- **RC:** Both  
- **NANO:** No  
- **ROLE:** Base Metal

**HAZARD TYPE**  
None found

**AGENCY AND LIST TITLES**  

**WARNINGS**  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** Alternate material available for door/frame. This substance is considered essentially inert for the purposes of Pharos toxics scoring (Pharos CML). Recycled content estimated by supplier: 76% post-consumer; 24% pre-consumer. Documentation from supplier provides the following composition for alloying elements that may individually exceed the declared threshold: max 27% Chromium [7440-47-3; LT-P1]; max 22% Nickel [7440-02-0; LT-1]; max 10% Manganese [7439-96-5; LT-P1]; max 5.0% Molybdenum [7439-98-7; LT-UNK]; max 4.4% Copper [7440-50-8; LT-UNK]; max 4.0% Molybdenum [7439-98-7; LT-UNK]; max 2.0% Silicon [7440-21-3; LT-UNK]; max 2.0% Aluminum [7429-90-5; LT-P1]; max 1.0% Columbium [7440-03-1; LT-UNK]; max 0.8% Cobalt [7440-48-4; LT-1]; max 1.1% Tantalum [7440-25-7; LT-UNK]; max 0.7% Titanium [7440-32-6; LT-UNK].
# Zinc

**ID:** 7440-66-6  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-09-14  
%: 0.05 - 0.20  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Metallic Coating

### HAZARD TYPE

<table>
<thead>
<tr>
<th>Type</th>
<th>Agency and List Titles</th>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACUTE AQUATIC</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td><strong>CHRON AQUATIC</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td><strong>PHYSICAL HAZARD (REACTIVE)</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H250 - Catches fire spontaneously if exposed to air</td>
</tr>
<tr>
<td><strong>PHYSICAL HAZARD (REACTIVE)</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H260 - In contact with water releases flammable gases which may ignite spontaneously</td>
</tr>
<tr>
<td><strong>ENDOCRINE</strong></td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td><strong>MULTIPLE</strong></td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Galvannealed steel flange.

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# Titanium Dioxide

**ID:** 13463-67-7  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-09-14  
%: 0.00 - 0.20  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Pigment

### HAZARD TYPE

<table>
<thead>
<tr>
<th>Type</th>
<th>Agency and List Titles</th>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CANCER</strong></td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td><strong>ENDOCRINE</strong></td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** White powder coating applied to standard steel door and frame.

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# Alumina Trihydrate

**ID:** 21645-51-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-09-14  
%: 0.00 - 0.20  
**GS:** BM-2  
**RC:** None  
**NANO:** No  
**ROLE:** Filler, Extender
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** White powder coating applied to standard steel door and frame. GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool.

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**UNDISCLOSED**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-09-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.00 - 0.30</td>
<td>GS: NoGS</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>ROLE: Resin Binder</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

None found

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** White powder coating applied to standard steel door and frame. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.
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

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-09-14</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: This product qualifies as an inherently non-emitting source per LEED®, as ~99% of the product consists of powder-coated metal and/or plated or anodized metal. As per LEED, "Products that are inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood) are considered fully compliant without any VOC emissions testing if they do not include integral organic-based surface coatings, binders, or sealants."

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.

MASONRY ANCHORS

<table>
<thead>
<tr>
<th>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Used for installation in concrete</td>
</tr>
</tbody>
</table>

MORTISE LOCK PRES (1-1/8")

<table>
<thead>
<tr>
<th>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional lock available for this product line. Please contact manufacturer if more information is required.</td>
</tr>
</tbody>
</table>

PINNED ALLEN HEAD SECURITY SCREW(S)

<table>
<thead>
<tr>
<th>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional lock available for this product line. Please contact manufacturer if more information is required.</td>
</tr>
</tbody>
</table>

DETENTION LOCK

<table>
<thead>
<tr>
<th>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional lock available for this product line. Please contact manufacturer if more information is required.</td>
</tr>
</tbody>
</table>

Section 5: General Notes
MANUFACTURER INFORMATION

MANUFACTURER: Babcock-Davis
ADDRESS: 9300 73rd Avenue North
Brooklyn Park MN 55428, United States
WEBSITE: www.BabcockDavis.com

CONTACT NAME: Sandy McWilliams
TITLE: Director, Business Development
PHONE: (888) 312-3726
EMAIL: smcwilliams@babcockdavis.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 / Material Threshold Substances listed individually per threshold indicated per material

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.