8000 Series Exit Devices
by dormakaba

CLASSIFICATION: 08 71 00 Door Hardware

PRODUCT DESCRIPTION: The 8000 Series exit devices with deadlocking latch bolts minimize forced entry while offering a low-cost solution to security and life safety requirements. The touchbar, rail assembly and integral parts are constructed of solid steel. Devices are available for labeled and non-labeled openings. For paired doors where a full-width opening is only occasionally required, removable mullions are used. Doors are fitted with rim exit devices and normally function as single doors. Steel and aluminum mullions are available in 8’ or 10’ lengths.

Section 1: Summary

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
--- | --- | --- | --- | ---
8000 SERIES EXIT DEVICES | STAINLESS STEEL | NoGS | BRASS | NoGS
STEEL | NoGS | ALUMINUM | LT-P1 | RES | END | PHY | IRON | LT-P1 | END
BARIUM SULFATE (BARIUM SULFATE) | BM-2 | CAN | NYLON | NoGS | CARBON BLACK (CARBON BLACK) | LT-1 | CAN

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

LCA: Environmental Product Declaration 8000 Series Exit Devices

LCA: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?  Yes  No

PREPARER: Self-Prepared

VERIFIER:  

SCREENING DATE: 2017-08-07
PUBLISHED DATE: 2017-10-19
EXPIRY DATE: 2020-08-07

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Health Product Declaration v2.1
created via: HPDC Online Builder

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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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### 8000 SERIES EXIT DEVICES

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** No residuals or impurities are expected in these materials at or above the inventory threshold.

**OTHER PRODUCT NOTES:** -

#### STAINLESS STEEL

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>60.5100 - 60.5100</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Exit body and trim</td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found  

**SUBSTANCE NOTES:** 304, 303, 416 and 17-4 PH

#### BRASS

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.3500 - 18.3500</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Exit body</td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found  

**SUBSTANCE NOTES:** -

#### STEEL

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.7400 - 15.7400</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Exit body and trim</td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found  

**SUBSTANCE NOTES:** -

#### ALUMINUM

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.3400 - 4.3400</td>
<td>LT-P1</td>
<td>Both</td>
<td>No</td>
<td>Exit body</td>
</tr>
</tbody>
</table>

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HPD v2.1 created via HPDC Builder Page 2 of 6
### HAZARDS:

#### RESPIRATORY
- AOEC - Asthmagens
  - Asthmagens (ARs) - sensitizer-induced - inhalable forms only

#### ENDOCRINE
- TEDX - Potential Endocrine Disruptors
  - Potential Endocrine Disruptor

#### PHYSICAL HAZARD (REACTIVE)
- EU - GHS (H-Statements)
  - H228 - Flammable solid
- EU - GHS (H-Statements)
  - H250 - Catches fire spontaneously if exposed to air
- EU - GHS (H-Statements)
  - H261 - In contact with water releases flammable gases

### SUBSTANCE NOTES:
- Aluminium Alloy (Mixture)

### IRON

<table>
<thead>
<tr>
<th>%: 0.5900 - 0.5900</th>
<th>GS: LT-P1</th>
<th>RC: Both</th>
<th>NANO: No</th>
<th>ROLE: Exit body</th>
</tr>
</thead>
</table>

### BARIUM SULFATE (BARIUM SULFATE)

<table>
<thead>
<tr>
<th>%: 0.1700 - 0.3300</th>
<th>GS: BM-2</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Powder Coat</th>
</tr>
</thead>
</table>

#### HAZARDS:
- CANCER
  - MAK
  - Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

### NYLON

<table>
<thead>
<tr>
<th>%: 0.1200</th>
<th>GS: NoGS</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Exit body</th>
</tr>
</thead>
</table>

#### HAZARDS:
- None Found
  - No warnings found on HPD Priority lists

### CARBON BLACK (CARBON BLACK)

<table>
<thead>
<tr>
<th>%: 0.0100 - 0.0200</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Powder Coat</th>
</tr>
</thead>
</table>

#### HAZARDS:
- None Found
  - No warnings found on HPD Priority lists
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.

**LCA**

**Environmental Product Declaration 8000 Series Exit Devices**

**CERTIFYING PARTY:** Third Party  
**APPLICABLE FACILITIES:** Steeleville, IL, USA  
**CERTIFICATION AND COMPLIANCE NOTES:**

**LCA**

**Environmental Product Declaration**

**CERTIFYING PARTY:** Third Party  
**APPLICABLE FACILITIES:** Steeleville, IL, USA  
**CERTIFICATE URL:** https://www.dormakaba.com/resource/blob/17228/0fbab838679055a3171a75c4d07f2a54/epd-8000-9000-series-ansi-exit-devices-en-data.pdf  
**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

Dorma and Kaba become dormakaba - a smart step for smart access solutions. We offer products, solutions and services for secure access to buildings and rooms - now all from a single source. With more than 150 years of experience, we stand for security, sustainability and reliability. For more information, please go to: www.dormakaba.com. The information contained in this HPD is to be used only as a voluntary information on our products. dormakaba makes no representation or warranty as to the completeness or accuracy of the information contained herein. The products and specifications set forth in this HPD are subject to change without notice and dormakaba disclaims any and all liability for such changes. The information contained herein is provided without warranties of any kind, either express or implied, and dormakaba disclaims any and all liability for typographical, printing, or production errors or changes affecting the specifications contained herein. dormakaba DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL dormakaba BE LIABLE FOR ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING FROM THE SALE OR USE OF ANY PRODUCT. All sales of products shall be subject to dormakaba’s applicable General Terms and Conditions, a copy of which will be provided by your local dormakaba organisation upon request.

Section 6: References

MANUFACTURER INFORMATION

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PHONE: +41 44 818 91 11
EMAIL: sustainability@dormakaba.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

8000 Series Exit Devices
www.hpd-collaborative.org
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

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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.