# Section 1: Summary

## CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
<th>Are All Substances Above the Threshold Indicated?</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ Nested Materials Method</td>
<td>100 ppm</td>
<td>☑ Considered</td>
<td>☑ Yes ☐ No</td>
</tr>
<tr>
<td>☑ Basic Method</td>
<td>1,000 ppm</td>
<td>☑ Partially Considered</td>
<td>☑ Yes ☐ No</td>
</tr>
<tr>
<td></td>
<td>Per GHS SDS</td>
<td>☑ Not Considered</td>
<td>☑ Yes ☐ No</td>
</tr>
<tr>
<td></td>
<td>Per OSHA MSDS</td>
<td></td>
<td>☑ Yes ☐ No</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
<td>☑ Yes ☐ No</td>
</tr>
</tbody>
</table>

## 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**

**9000 SERIES EXIT DEVICES**
- STAINLESS STEEL
- 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-P1] [END] [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 9000 Series Exit Devices
- LCA: Environmental Product Declaration

## CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

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**Third Party Verified?**
- ☑ Yes
- ☐ No

**PREPARER:** Self-Prepared

**VERIFIER:**

**VERIFICATION #:**

**SCREENING DATE:** 2017-07-10

**PUBLISHED DATE:** 2017-10-19

**EXPIRY DATE:** 2020-07-10
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)

### 9000 Series Exit Devices

<table>
<thead>
<tr>
<th>Material</th>
<th>ID</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>HAZARDS</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED</th>
<th>RESIDUALS AND IMPURITIES NOTES:</th>
<th>OTHER PRODUCT NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel</td>
<td>12597-68-1</td>
<td>60.5100</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Exit body and trim</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>No residuals or impurities are expected in these materials at or above the inventory threshold.</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Brass</td>
<td>12597-71-6</td>
<td>18.3500</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Exit body</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Steel</td>
<td>12597-69-2</td>
<td>15.7400</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Exit body and trim</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td>91728-14-2</td>
<td>4.3400</td>
<td>LT-P1</td>
<td>Both</td>
<td>No</td>
<td>Exit body</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>
### Aluminium Alloy (Mixture)

**ID:** 7439-89-6  
**%:** 0.5900  
**GS:** LT-P1  
**RC:** Both  
**NANO:** No  
**ROLE:** Exit body  

**HAZARDS:**  
**AGENCY(IES) WITH WARNINGS:**  
- **ENDOCRINE**  
  - TEDX - Potential Endocrine Disruptors  
  - Potential Endocrine Disruptor

**SUBSTANCE NOTES:** Aluminium Alloy (Mixture)

### Iron

**ID:** 7727-43-7  
**%:** 0.1700 - 0.3300  
**GS:** BM-2  
**RC:** None  
**NANO:** No  
**ROLE:** Powder Coat  

**HAZARDS:**  
**AGENCY(IES) WITH WARNINGS:**  
- **CANCER**  
  - MAK  
  - Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

**SUBSTANCE NOTES:**  
- BARIUM SULFATE (BARIUM SULFATE)

### NYLON

**ID:** 63428-83-1  
**%:** 0.1200  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Exit body  

**HAZARDS:**  
**AGENCY(IES) WITH WARNINGS:**  
- None Found  
- No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**  
- NYLON

### Carbon Black (Carbon Black)

**ID:** 1333-86-4  
**%:** 0.0100 - 0.0200  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Powder Coat  

**HAZARDS:**  
**AGENCY(IES) WITH WARNINGS:**  
- None Found  
- No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** Carbon Black (Carbon Black)
<table>
<thead>
<tr>
<th>Substance</th>
<th>US CDC - Occupational Carcinogens</th>
<th>CA EPA - Prop 65</th>
<th>IARC</th>
<th>MAK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Occupational Carcinogen</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

**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 9000 Series Exit Devices**

**CERTIFYING PARTY:** Third Party

**APPLICABLE FACILITIES:** Steeleville, IL, USA

**CERTIFICATE URL:**

**CERTIFICATION AND COMPLIANCE NOTES:**

**LCA**

**Environmental Product Declaration**

**CERTIFYING PARTY:** Third Party

**APPLICABLE FACILITIES:** Steeleville, IL, USA

**CERTIFICATE URL:**

**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.
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Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: dormakaba
ADDRESS: Hofwisenstrasse 24
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WEBSITE: www.dormakaba.com

CONTACT NAME: Lea Kullmann
TITLE: Manager Sustainable Projects
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

9000 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

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.