Automatic Revolving Door KTV A by dormakaba

CLASSIFICATION: 08 42 33 - Revolving Door Entrances

PRODUCT DESCRIPTION: The KTV revolving door range is designed for installation in entrance areas where interior environmental control coupled with elegant aesthetics are desired. dormakaba KTV revolving doors hold back noise, dust and dirt, reliably protect employees near the entrances from drafts, and help to keep heating cost down. They also allow for a smooth flow of traffic. Revolving doors offer a number of benefits for installers, architects, specifiers and user among others: Extensive design flexibility in terms of planning and technical requirements, visually/technically/economically the ideal application, optimization of the building energy balance, efficient noise protection, tailored integrated application combining industrial engineering precision and assured quality.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

Threshold level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

Are All Substances Above the Threshold Indicated:
- Yes
- No

Characterized
- Percent Weight and Role? Yes

Screened
- Using Priority Hazard Lists with Results Disclosed? Yes

Identified
- Name and Identifier Provided? Yes

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.

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory. Substances are listed by weight in the entire product instead of by material. All substances over 1000 ppm or 100 ppm of the product are reported.

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory. Substances are listed by weight in the entire product instead of by material. All substances over 1000 ppm or 100 ppm of the product are reported.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

LCA: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #: 

SCREENING DATE: 2017-04-04

PUBLISHED DATE: 2017-12-13

EXPIRY DATE: 2020-04-04

Automatic Revolving Door KTV A
hpdrepository.hpd-collaborative.org

HPD v2.1 created via HPDC Builder Page 1 of 7
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)

### AUTOMATIC REVOLVING DOOR KTV A

**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.
dormakada products consist of finished components, and no chemical reactions are needed to develop our products.

**OTHER PRODUCT NOTES:** -

<table>
<thead>
<tr>
<th>SOLID / PLATE GLASS</th>
<th>ID: 65997-17-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 45.1100</td>
<td>GB: LT-UNK</td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
</tr>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
</tbody>
</table>

**ALUMINUM**

<table>
<thead>
<tr>
<th>ID: 7429-90-5</th>
</tr>
</thead>
</table>

| %: 27.6900 | GB: LT-P1   | RC: Both  | NANO: No  | ROLE: Electronic components, canopy and profiles |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
| RESPIRATORY | AOEIC - Asthmagens | Asthmapen (ARs) - sensitizer-induced - inhalable forms only |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| 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 |

**SUBSTANCE NOTES:** The hazards associated with aluminum are dependent upon the form in which aluminum is provided. As aluminum is inert upon receipt by dormakaba and unlikely to leach from the revolving door into the environment, the risk of exposure to aluminum components is negligible and the listed hazards can be deemed irrelevant to the end-user.

<table>
<thead>
<tr>
<th>STAINLESS STEEL</th>
<th>ID: 12597-68-1</th>
</tr>
</thead>
</table>

| %: 11.6200 | GB: NoGS   | RC: Both  | NANO: No  | ROLE: Sheetmetal, brackets and profiles |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |

Automatic Revolving Door KTV A
hpdrepository.hpd-collaborative.org
HPD v2.1 created via HPDC Builder Page 2 of 7
<table>
<thead>
<tr>
<th><strong>STAINLESS STEEL</strong></th>
<th>ID: 12597-69-2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 8.8500</td>
<td><strong>ROLE:</strong> Profiles, bearings, brackets, screws and fasteners</td>
</tr>
<tr>
<td><strong>GB:</strong> NoGS</td>
<td><strong>RC:</strong> Both</td>
</tr>
<tr>
<td><strong>NANO:</strong> No</td>
<td><strong>GS:</strong> NoGS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HAZARDS:</strong></th>
<th>AGENCY(IES) WITH WARNINGS: None Found</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>No warnings found on HPD Priority lists</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>CHIPBOARD</strong></th>
<th>ID: Undisclosed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 2.7800</td>
<td><strong>ROLE:</strong> Chipboard</td>
</tr>
<tr>
<td><strong>GB:</strong> NoGS</td>
<td><strong>RC:</strong> None</td>
</tr>
<tr>
<td><strong>NANO:</strong> No</td>
<td><strong>GS:</strong> NoGS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HAZARDS:</strong></th>
<th>AGENCY(IES) WITH WARNINGS: None Found</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>Electronics are considered Special Conditions Materials by HPDC.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>POWDER COAT</strong></th>
<th>ID: Undisclosed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 1.2100</td>
<td><strong>ROLE:</strong> Powder coat</td>
</tr>
<tr>
<td><strong>GB:</strong> NoGS</td>
<td><strong>RC:</strong> None</td>
</tr>
<tr>
<td><strong>NANO:</strong> No</td>
<td><strong>GS:</strong> NoGS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HAZARDS:</strong></th>
<th>AGENCY(IES) WITH WARNINGS: None Found</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>Powder coatings are considered Special Conditions Materials by HPDC.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>STYRENE BUTADIENE RUBBER (SBR)</strong></th>
<th>ID: 9003-55-8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 0.9500</td>
<td><strong>ROLE:</strong> Glazing seals and safety bumpers</td>
</tr>
<tr>
<td><strong>GB:</strong> LT-UNK</td>
<td><strong>RC:</strong> None</td>
</tr>
<tr>
<td><strong>NANO:</strong> No</td>
<td><strong>GS:</strong> LT-UNK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HAZARDS:</strong></th>
<th>AGENCY(IES) WITH WARNINGS: None Found</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>No warnings found on HPD Priority lists</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>COPPER</strong></th>
<th>ID: 7440-50-8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 0.6300</td>
<td><strong>ROLE:</strong> Electronic components and cables</td>
</tr>
<tr>
<td><strong>GB:</strong> LT-P1</td>
<td><strong>RC:</strong> UNK</td>
</tr>
<tr>
<td><strong>NANO:</strong> No</td>
<td><strong>GS:</strong> LT-P1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HAZARDS:</strong></th>
<th>AGENCY(IES) WITH WARNINGS: None Found</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>Substance</td>
<td>ID</td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>WOOD</td>
<td>Not registered</td>
</tr>
<tr>
<td>HORSEHAIR</td>
<td>Not registered</td>
</tr>
<tr>
<td>POLYCARBONATE</td>
<td>25037-45-0</td>
</tr>
<tr>
<td>PRINTED WIRING BOARD (PWB)</td>
<td>Undisclosed</td>
</tr>
<tr>
<td>POLYPROPYLENE</td>
<td>9003-07-0</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**
- **WOOD:**
  - ID: Not registered
  - %: 0.2800
  - GS: UNK
  - RC: Both
  - NANO: No
  - ROLE: Installation material
  - AGENCY(IES) WITH WARNINGS: None Found
  - HAZARDS: No warnings found on HPD Priority lists
- **HORSEHAIR:**
  - ID: Not registered
  - %: 0.2300
  - GS: UNK
  - RC: Both
  - NANO: No
  - ROLE: Weatherstripping
  - AGENCY(IES) WITH WARNINGS: None Found
  - HAZARDS: No warnings found on HPD Priority lists
- **POLYCARBONATE:**
  - ID: 25037-45-0
  - %: 0.2000
  - GS: LT-UNK
  - RC: None
  - NANO: No
  - ROLE: Component covers
  - AGENCY(IES) WITH WARNINGS: None Found
  - HAZARDS: No warnings found on HPD Priority lists
- **PRINTED WIRING BOARD (PWB):**
  - ID: Undisclosed
  - %: 0.1800
  - GS: NoGS
  - RC: None
  - NANO: No
  - ROLE: Printed Wiring Board (PWB)
  - AGENCY(IES) WITH WARNINGS: None Found
  - HAZARDS: No warnings found on HPD Priority lists
- **POLYPROPYLENE:**
  - ID: 9003-07-0
  - %: 0.1500
  - GS: LT-UNK
  - RC: None
  - NANO: No
  - ROLE: Tape
  - AGENCY(IES) WITH WARNINGS: None Found
  - HAZARDS: No warnings found on HPD Priority lists

**Notes:**
- Electronics are considered Special Conditions Materials by HPDC.
NYLON

ID: 63428-83-1

%: 0.1000
GS: NoGS
RC: None
NANO: No
ROLE: Installation material

HAZARDS:
None Found

AGENCY(IES) WITH WARNINGS:
No warnings found on HPD Priority lists

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: 9003-56-9

%: 0.0200
GS: LT-UNK
RC: None
NANO: No
ROLE: Electronic and mechanic components

HAZARDS:
None Found

AGENCY(IES) WITH WARNINGS:
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

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Sofia, Bulgaria and Dubai, United Arab Emirates
CERTIFICATE URL:

Environmental Product Declaration

ISSUE DATE: 2017-04-24
EXPIRY DATE: 2022-04-23
CERTIFIER OR LAB: Institut Bauen und Umwelt e.V. (IBU)

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 automatic revolving door KTV A
hpdrepository.hpd-collaborative.org

HPD v2.1 created via HPDC Builder Page 5 of 7
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**

MANUFACTURER: dormakaba  
ADDRESS: Hofwisenstrasse 24  
Rümlang ZH 8153, Switzerland  
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)  
- **LT-P1** List Translator Possible Benchmark 1  
- **LT-1** List Translator Likely Benchmark 1
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.