Automatic Revolving Door KTV A by dormakaba

Health Product Declaration v2.1

created via: HPDC Online Builder

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

Explanation(s) provided for Residuals/Impurities?
◉ Yes ○ No

Are All Substances Above the Threshold Indicated:

Characterized *Percent Weight and Role Provided?* ◉ Yes ○ No

Screened *Using Priority Hazard Lists with Results Disclosed?* ○ Yes ◉ No

Identified *Name and Identifier Provided?* ○ 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

AUTOMATIC REVOLVING DOOR KTV A [SOLID / PLATE GLASS LT-UNK
ALUMINUM LT-P1 | RES | END | PHY STAINLESS STEEL NoGS STEEL NoGS
CHIPBOARD NoGS POWDER COAT NoGS STYRENE BUTADIENE RUBBER (SBR) LT-UNK COPPER LT-P1 WOOD UNK HORSEHAIR UNK
POLYCARBONATE LT-UNK PRINTED WIRING BOARD (PWB) NoGS
POLYPROPYLENE LT-UNK NYLON NoGS ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-P1
Nanomaterial..... No

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

See Section 3 for additional listings.

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

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

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: -

SOLID / PLATE GLASS

ID: **65997-17-3**

%: **45.1100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Wings and drum walls**

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

SUBSTANCE NOTES: -

ALUMINUM

ID: **7429-90-5**

%: **27.6900** GS: **LT-P1** RC: **Both** NANO: **No** ROLE: **Electronic components, canopy and profiles**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (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.

STAINLESS STEEL

ID: **12597-68-1**

%: **11.6200** GS: **NoGS** RC: **Both** NANO: **No** ROLE: **Sheetmetal, brackets and profiles**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: -

STEEL

ID: **12597-69-2**

%: **8.8500** GS: **NoGS** RC: **Both** NANO: **No** ROLE: **Profiles, bearings, brackets, screws and fasteners**

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

SUBSTANCE NOTES: -

CHIPBOARD

ID: **Undisclosed**

%: **2.7800** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Chipboard**

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

SUBSTANCE NOTES: Electronics are considered Special Conditions Materials by HPDC.

POWDER COAT

ID: **Undisclosed**

%: **1.2100** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Powder coat**

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

SUBSTANCE NOTES: Powder coatings are considered Special Conditions Materials by HPDC.

STYRENE BUTADIENE RUBBER (SBR)

ID: **9003-55-8**

%: **0.9500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Glazing seals and safety bumpers**

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

SUBSTANCE NOTES: -

COPPER

ID: **7440-50-8**

%: **0.6300** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Electronic components and cables**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: -

WOOD

ID: **Not registered**

%: **0.2800** GS: **UNK** RC: **Both** NANO: **No** ROLE: **Installation material**

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

SUBSTANCE NOTES: -

HORSEHAIR

ID: **Not registered**

%: **0.2300** GS: **UNK** RC: **Both** NANO: **No** ROLE: **Weatherstripping**

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

SUBSTANCE NOTES: -

POLYCARBONATE

ID: **25037-45-0**

%: **0.2000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Component covers**

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

SUBSTANCE NOTES: -

PRINTED WIRING BOARD (PWB)

ID: **Undisclosed**

%: **0.1800** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Printed Wiring Board (PWB)**

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

SUBSTANCE NOTES: Electronics are considered Special Conditions Materials by HPDC.

POLYPROPYLENE

ID: **9003-07-0**

%: **0.1500** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Tape**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: -

NYLON

ID: **63428-83-1**

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

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

SUBSTANCE NOTES: -

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: **9003-56-9**

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

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

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		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Sofia, Bulgaria and Dubai, United Arab Emirates CERTIFICATE URL: https://www.dormakaba.com/resource/blob/60548/eb8d1e038e16e9382ca2a7e9782e61fe/epd-ktv-a-en-data.pdf	ISSUE DATE: 2017-04-24	EXPIRY DATE: 2022-04-23	CERTIFIER OR LAB: Institut Bauen und Umwelt e.V. (IBU)

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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KEY

OSHA MSDS	Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS	Globally Harmonized System of Classi cation 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

BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspeci ed (insu cient data to benchmark)
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 / **Product Threshold** Substances listed individually per threshold indicated per produc

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.