

HPD UNIQUE IDENTIFIER: 1109238784

CLASSIFICATION: 08 42 33 Revolving Door Entrances

PRODUCT DESCRIPTION: The Crane 1000/2000/3000 series automatic revolving door is the ideal choice for building's primary entrance. A range of available finishes allows the integration into its surrounding décor and architecture. The technical and safety features ensure smooth and safe traffic flow. The Crane 1000/2000/3000 doors feature the same automatic drive system. The Crane 2000 and 3000 series fulfill higher quality standards and are more customized. In these ways and more, the Crane revolving doors fulfill both aesthetic and functional requirements.

Section 1: Summary Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold Level, Residuals/Impurities Evaluation, and For all contents above the threshold, the manufacturer has: Characterized, Screened, Identified. Includes radio button options for 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY GREENSCREEN SCORE | HAZARD TYPE CRANE AL 1000/2000/3000 - AUTOMATIC REVOLVING DOOR [ SOLID / PLATE GLASS (USE SODA-LIME SILICATE GLASS [2446523-50-6] INSTEAD) LT-UNK ALUMINIUM NoGS ZINC LT-P1 | END | MUL | PHY | AQU PLASTICS, E.G. GRANULATES, FORMED PARTS, FIBRES, FOILS, POLYMER RESINS, IN SOLID FORM, NOT DISPERSED, INSOLUBLE IN WATER AND INDIFFERENT NoGS ELECTRONICS ]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
Special Conditions applied: [Electronics]

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.

VOC emissions: CDPH Standard Method - Not tested

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4 Option 2.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified? (Yes/No), PREPARER: Self-Prepared, VERIFIER, VERIFICATION #, SCREENING DATE: 2023-06-20, PUBLISHED DATE: 2023-08-11, EXPIRY DATE: 2026-06-20

## 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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

### CRANE AL 1000/2000/3000 - AUTOMATIC REVOLVING DOOR

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are expected in these materials at or above the inventory threshold. dormakaba products consist of finished components, and no chemical reactions are needed to develop our products.

OTHER PRODUCT NOTES: -

#### SOLID / PLATE GLASS (USE SODA-LIME SILICATE GLASS [2446523-50-6] INSTEAD)

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-06-20 8:33:33

%: 59.0000

GreenScreen: LT-UNK

RC: UNK

NANO: No

SUBSTANCE ROLE: Glass component

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

EXEMPT

European Union / European Commission (EU EC)

EU - REACH Exemptions

Exempted from REACH Annex V listing due to intrinsic safety

SUBSTANCE NOTES: Glass is used for Crane AL 1000/2000/3000 - Automatic Revolving Door panels/leaves.

#### ALUMINIUM

ID: 15629-83-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-06-20 8:33:33

%: 31.0000

GreenScreen: NoGS

RC: UNK

NANO: No

SUBSTANCE ROLE: Hardware

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Aluminum is used for Crane AL 1000/2000/3000 - Automatic Revolving Door canopy and profiles.

#### ELECTRONICS

ID: Electronic Component

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **5.0000**      GreenScreen: **Not Required**      RC: **UNK**      NANO: **No**      MATERIAL ROLE: **Electronic component**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|----------|
|-------------|------------------------|----------|

Hazard Screening is not applicable to this Special Condition

INGREDIENT DESCRIPTION: Cable, motor, connector, PWBs

EU ROHS COMPLIANCE: **Yes**

END-OF-LIFE MANAGEMENT: No end-of-life management plan

MATERIAL CONTENT NOTES:

## ZINC

ID: **7440-66-6**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2023-06-20 8:33:33**

%: **4.0000**      GreenScreen: **LT-P1**      RC: **UNK**      NANO: **No**      SUBSTANCE ROLE: **Hardware**

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS   |
|-------------|---|--|
| END         | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor  |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters   |
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1] |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]  |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]  |
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]   |
| PHY         | GHS - Australia                             | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]   |
| PHY         | GHS - New Zealand                           | Pyrophoric solids category 1   |
| PHY         | GHS - New Zealand                           | Self-heating substances and mixtures category 1  |
| PHY         | GHS - New Zealand                           | Substances and mixtures which, in contact with water, emit flammable gases category 1  |
| PHY         | GHS - Australia                             | H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1] |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1  |
| AQU         | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]  |
| AQU         | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]  |
| AQU         | GHS - Australia                             | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]  |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 1  |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION   |
|---------------------|---|--|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                   | GSPI - Six Classes of Problematic Chemicals<br><br>Antimicrobials  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |

SUBSTANCE NOTES: Zinc is used in the structure component of Crane AL 1000/2000/3000 - Automatic Revolving Door.

**PLASTICS, E.G. GRANULATES, FORMED PARTS, FIBRES, FOILS, POLYMER RESINS, IN SOLID FORM, NOT DISPERSED, INSOLUBLE IN WATER AND INDIFFERENT**

ID: 937182-60-0

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2023-06-20 8:33:34</b> |                 |  |
|--|--------------------------|--|-----------------|--|
| %: <b>1.0000</b>   | GreenScreen: <b>NoGS</b> | RC: <b>UNK</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Structure component</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE     | WARNINGS   |                 |  |
| None found   |                          | No warnings found on HPD Priority Hazard Lists   |                 |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE     | NOTIFICATION                                     |                 |  |
| None found   |                          | No listings found on Additional Hazard Lists     |                 |  |

SUBSTANCE NOTES: Plastics is used for Crane AL 1000/2000/3000 - Automatic Revolving Door packing.

## 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

CDPH Standard Method - Not tested

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2023-06-20

CERTIFIER OR LAB: None

APPLICABLE FACILITIES: Reamstown, USA

EXPIRY DATE:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: This HPD is for a product that is NOT liquid/wet applied.

## 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

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.

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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.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** dormakaba  
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**CONTACT NAME:** [www.dormakabagroup.com/en/contact](http://www.dormakabagroup.com/en/contact)  
**TITLE:** -  
**PHONE:** -  
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*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

**KEY**

**Hazard Types**

|                                       |   |  |
|---------------------------------------|---|--|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |  |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |  |

**GreenScreen (GS)**

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |  |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

**Recycled Types**

- PreC** Pre-consumer recycled content
- PostC** Post-consumer recycled content
- UNK** Inclusion of recycled content is unknown
- None** Does not include recycled content

**Other Terms:**

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**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.*