

HPD UNIQUE IDENTIFIER: 21239

CLASSIFICATION: 08 71 00 Door Hardware

PRODUCT DESCRIPTION: The HD8000 series are non-handed surface applied door closers with adjustable spring power (size 1-6 and size 5-6) and backcheck that controls opening motion during abusive or abrupt opening. Supported by a full complement of optional arms, plates, and brackets, the door closers provide the flexibility needed to meet the demands of commercial and institutional applications, including Americans with Disabilities Act (ADA) barrierfree accessibility requirements. The door closers are available with plastic and metal cover.

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
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

All substances disclosed by Name (Specific or Generic) and Identifier.

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

HD8016 [STEEL NoGS ALUMINUM BM-1 | RES | PHY | END ABS RESIN LT-UNK LUBRICATING OILS LT-1 | PBT | CAN | MUL ZINC, ELEMENTAL LT-P1 | AQU | PHY | END | MUL BRASS NoGS 1,3-BUTADIENE, POLYMER WITH 2-PROPENITRILE LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

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.

VOC emissions: N/A

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-06-25

PUBLISHED DATE: 2020-08-03

EXPIRY DATE: 2023-06-25



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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

HD8016

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

OTHER PRODUCT NOTES: -

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-06-25

#: 63.8300 - 63.8300

GS: NoGS

RC: Both

NANO: No

SUBSTANCE ROLE: Hardware

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Piston, steel Ball, spring pin, pin, spring, pinion, washer, needle bearing, retaining ring, spring adjustment screw, bracket, hinge assembly, main arm assembly and screws

ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-06-25

#: 26.4200 - 26.4200

GS: BM-1

RC: Both

NANO: No

SUBSTANCE ROLE: Hardware

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Housing, end cap, bearing housing and sex nut

ABS RESIN

ID: 9003-56-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-06-25**

#: **5.2900 - 5.2900**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Hardware**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Plastic full cover assembly**

LUBRICATING OILS

ID: **74869-22-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-06-25**

#: **3.9700 - 3.9700**

GS: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Lubricant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

CANCER

EU - GHS (H-Statements)

H350 - May cause cancer

CANCER

EU - REACH Annex XVII CMRs

Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

CANCER

GHS - Australia

H350 - May cause cancer

SUBSTANCE NOTES: **Closer oil**

ZINC, ELEMENTAL

ID: **7440-66-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-06-25**

#: **0.3100 - 0.3100**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Checkball bushing and valve control

BRASS

ID: 12597-71-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-06-25**

#: **0.1100 - 0.1100**

GS: **NoGS**

RC: **Both**

NANO: **No**

SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Bushing

1,3-BUTADIENE, POLYMER WITH 2-PROPENITRILE

ID: 9003-18-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-06-25**

#: **0.0700 - 0.0700**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Hardware**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Nitrile-Butadiene-Rubber (NBR) / O-ring

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

N/A

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: -

07-17

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

dormakaba has resulted from the merger of the two well-established brands Dorma and Kaba, both known for their expertise in the area of smart and secure access solutions. Together we stand for more than 150 years of security and reliability. Our master brand dormakaba stands for our offering of products, solutions and services for secure access to buildings and rooms from a single source. Our global brand power supports us to become the trusted industry leader. 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.



MANUFACTURER INFORMATION

MANUFACTURER: **dormakaba**
 ADDRESS: **Hofwissenstraße 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**

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

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	

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.