Mortise Locks M9000 Series
by dormakaba

CLASSIFICATION: 08 71 00 Door Hardware

PRODUCT DESCRIPTION: dormakaba's M9000 Series mortise locks are versatile, heavy-duty locksets that provide exceptional security, enhanced aesthetics, and rugged dependability. These locks are available in a range of lever and knob trim designs. The M9000 Series features more than 40 functions, with optional deadbolt for security and single motion egress to meet code requirements.

Section 1: Summary

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 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
--- | --- | --- | --- | ---
STEEL | NCS | BRASS | NCS | 304
STAINLESS STEEL | NCS | ZINC | LT-P1 | AQU | MUL | END | PHY

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
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: 2017-07-11
PUBLISHED DATE: 2017-08-30
EXPIRY DATE: 2020-07-11
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)

<table>
<thead>
<tr>
<th>MORTISE LOCKS M9000 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRODUCT THRESHOLD:</strong> 100 ppm</td>
</tr>
<tr>
<td><strong>RESIDUALS AND IMPURITIES CONSIDERED:</strong> No</td>
</tr>
<tr>
<td><strong>RESIDUALS AND IMPURITIES NOTES:</strong> No residuals or impurities are expected in these materials at or above the inventory threshold.</td>
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<td><strong>OTHER PRODUCT NOTES:</strong> -</td>
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<th>STEEL</th>
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<td><strong>%:</strong> 43.1700</td>
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<td><strong>ID:</strong> 12597-69-2</td>
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<tr>
<td><strong>GS:</strong> NoGS</td>
</tr>
<tr>
<td><strong>RC:</strong> Both</td>
</tr>
<tr>
<td><strong>NANO:</strong> No</td>
</tr>
<tr>
<td><strong>ROLE:</strong> Chassis case, internal components and rose inserts</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong> None Found</td>
</tr>
<tr>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong> No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong> -</td>
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<th>BRASS</th>
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<td><strong>GS:</strong> NoGS</td>
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<td><strong>RC:</strong> Both</td>
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<tr>
<td><strong>NANO:</strong> No</td>
</tr>
<tr>
<td><strong>ROLE:</strong> Levers, roses, cylinder ring and cylinder</td>
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<tr>
<td><strong>HAZARDS:</strong> None Found</td>
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<td><strong>AGENCY(IES) WITH WARNINGS:</strong> No warnings found on HPD Priority lists</td>
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<td><strong>SUBSTANCE NOTES:</strong> -</td>
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<table>
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<tr>
<th>304 STAINLESS STEEL</th>
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<td><strong>ID:</strong> 12597-68-1</td>
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<tr>
<td><strong>GS:</strong> NoGS</td>
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<tr>
<td><strong>RC:</strong> Both</td>
</tr>
<tr>
<td><strong>NANO:</strong> No</td>
</tr>
<tr>
<td><strong>ROLE:</strong> Chassis components, armor plate and strike</td>
</tr>
<tr>
<td><strong>HAZARDS:</strong> None Found</td>
</tr>
<tr>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong> No warnings found on HPD Priority lists</td>
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<td><strong>SUBSTANCE NOTES:</strong> -</td>
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<table>
<thead>
<tr>
<th>ZINC</th>
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<td><strong>GS:</strong> LT-P1</td>
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<td><strong>RC:</strong> Both</td>
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<tr>
<td><strong>NANO:</strong> No</td>
</tr>
<tr>
<td><strong>ROLE:</strong> Lock chassis components</td>
</tr>
</tbody>
</table>

Mortise Locks M9000 Series

[www.hpd-collaborative.org](http://www.hpd-collaborative.org)

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HAZARDS:

ACUTE AQUATIC
AGENCY(IES) WITH WARNINGS:
EU - R-phrases
R50 - Very Toxic to Aquatic Organisms

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

MULTIPLE
German FEA - Substances Hazardous to Waters
Class 2 - Hazard to Waters

ENDOCRINE
TEDX - Potential Endocrine Disruptors
Potential Endocrine Disruptor

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

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

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: Leola, PA, USA
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

LCA

Environmental Product Declaration

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Leola, PA, 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.

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: Hofwiesenstrasse 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)

Mortise Locks M9000 Series
www.hpd-collaborative.org

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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.