Concealed in Door Closer ITS 96
by dormakaba

CLASSIFICATION: 08 71 00 Door Hardware

PRODUCT DESCRIPTION: The ITS 96 series offers the optimum solution for applications requiring concealed door controls. It is suited for virtually any door and frame combination in a variety of leaf thicknesses and configurations.

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
- Yes
- No

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

CONCEALED SLIDE CHANNEL DOOR CLOSER ITS 96
- STEEL
- IRON
- ALUMINUM
- RESIN
- LUBRICATING OILS
- CAN
- PBT
- MUL
- ZINC
- AQUA
- END
- END
- END
- PHYSICAL STEEL
- POLYURETHANE
- POLYPROPYLENE
- STAINLESS STEEL
- LUBRICATING OIL
- POLYURETHANE
- POLYPROPYLENE
- STAINLESS STEEL
- 2-PROPENENITRILE
- POLYMER WITH 1,3-BUTADIENE

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
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)

### CONCEALED SLIDE CHANNEL DOOR CLOSER ITS 96

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>ID</th>
<th>THRESHOLD</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>HAZARDS</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED</th>
<th>RESIDUALS AND IMPURITIES NOTES:</th>
<th>OTHER PRODUCT NOTES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEEL</td>
<td>12597-69-2</td>
<td>Other</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Closer and arm</td>
<td></td>
<td></td>
<td>No</td>
<td>No residuals or impurities are expected in these materials at or above the inventory threshold.</td>
<td></td>
</tr>
<tr>
<td>IRON</td>
<td>7439-89-6</td>
<td>Other</td>
<td>LT-P1</td>
<td>Both</td>
<td>No</td>
<td>Closer</td>
<td>Endocrine</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
<td>Grey cast iron</td>
<td></td>
</tr>
<tr>
<td>ALUMINUM</td>
<td>91728-14-2</td>
<td>Other</td>
<td>LT-P1</td>
<td>Both</td>
<td>No</td>
<td>Closer and slide channel</td>
<td>Respiration</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (ARs) - sensitizer-induced - inhalable forms only</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Endocrine</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Physical Hazard (Reactive)</td>
<td>EU - GHS (H-Statements)</td>
<td>H228 - Flammable solid</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Physical Hazard (Reactive)</td>
<td>EU - GHS (H-Statements)</td>
<td>H250 - Catches fire spontaneously if exposed to air</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Physical Hazard (Reactive)</td>
<td>EU - GHS (H-Statements)</td>
<td>H261 - In contact with water releases flammable gases</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**LUBRICATING OILS**

**ID:** 74869-22-0

**%:** 2.3900  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Hydraulic fluid

**HAZARDS:**

<table>
<thead>
<tr>
<th>Agency(ies) With warnings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU - R-phrases</td>
<td>R45 - May cause cancer</td>
</tr>
<tr>
<td>EC - CEPA DSL</td>
<td>Persistent, Bioaccumulative and inherently Toxic (PB/TH) to humans</td>
</tr>
<tr>
<td>EU - GHS (H-statements)</td>
<td>H350 - May cause cancer</td>
</tr>
<tr>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</td>
</tr>
</tbody>
</table>

**MULTIPLE**

<table>
<thead>
<tr>
<th>Agency(ies) With warnings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
</tr>
<tr>
<td>Australia - GHS</td>
<td>H350 - May cause cancer</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Hydraulic fluid used to regulate door closing speed. Users operating the door are not exposed to the oil, which is fully contained by the metal encasement of the closer. As such, the actual risks associated with the closer's installation and use in a building are minimal and the listed hazards can be deemed irrelevant to the end-user.

**ZINC**

**ID:** 7440-66-6

**%:** 1.3000  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Closer

**HAZARDS:**

<table>
<thead>
<tr>
<th>Agency(ies) With warnings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU - R-phrases</td>
<td>R50 - Very Toxic to Aquatic Organisms</td>
</tr>
<tr>
<td>EU - GHS (H-statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td>EU - GHS (H-statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>EU - GHS (H-statements)</td>
<td>H250 - Catches fire spontaneously if exposed to air</td>
</tr>
<tr>
<td>EU - GHS (H-statements)</td>
<td>H260 - In contact with water releases flammable gases which may ignite spontaneously</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Die-cast closer components: 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 closer into the environment, the risk of exposure to zinc components is negligible and the listed hazards can be deemed irrelevant to the end-user.

**STAINLESS STEEL**

**ID:** 12597-68-1

**Concealed in Door Closer ITS 96**

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<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>Agency(ies) with warnings:</th>
<th>HAZARDS:</th>
<th>Substance Notes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYURETHANE</td>
<td>64440-88-6</td>
<td>0.4600</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Varnish</td>
<td>None Found</td>
<td>None Found</td>
<td>No warnings on HPD Priority lists</td>
</tr>
<tr>
<td>BRASS</td>
<td>12597-71-6</td>
<td>0.2500</td>
<td>NoGS</td>
<td>Both</td>
<td>No</td>
<td>Closer</td>
<td>None Found</td>
<td>None Found</td>
<td>No warnings on HPD Priority lists</td>
</tr>
<tr>
<td>POLYPROPYLENE</td>
<td>9003-07-0</td>
<td>0.0800</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Closer</td>
<td>None Found</td>
<td>None Found</td>
<td>No warnings on HPD Priority lists</td>
</tr>
<tr>
<td>2-PROPENENITRILE, POLYMER WITH 1,3-BUTADIENE</td>
<td>9003-18-3</td>
<td>0.0800</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>O-rings</td>
<td>None Found</td>
<td>None Found</td>
<td>No warnings on HPD Priority lists</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>dormakaba Ennepetal, Germany</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2015-11-04</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2020-11-03</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>Institut Bauen und Umwelt e.V. (IBU)</td>
</tr>
</tbody>
</table>

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

Concealed in Door Closer ITS 96
www.hpd-collaborative.org
### 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

<table>
<thead>
<tr>
<th>OSHA MSDS</th>
<th>Occupational Safety and Health Administration Material Safety Data Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS SDS</td>
<td>Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</td>
</tr>
</tbody>
</table>

#### Hazard Types

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU</td>
<td>Aquatic toxicity</td>
</tr>
<tr>
<td>CAN</td>
<td>Cancer</td>
</tr>
<tr>
<td>DEV</td>
<td>Developmental toxicity</td>
</tr>
<tr>
<td>END</td>
<td>Endocrine activity</td>
</tr>
<tr>
<td>EYE</td>
<td>Eye irritation/corrosivity</td>
</tr>
<tr>
<td>GEN</td>
<td>Gene mutation</td>
</tr>
<tr>
<td>GLO</td>
<td>Global warming</td>
</tr>
<tr>
<td>MAM</td>
<td>Mammalian/systemic/organ toxicity</td>
</tr>
<tr>
<td>MUL</td>
<td>Multiple hazards</td>
</tr>
<tr>
<td>NEU</td>
<td>Neurotoxicity</td>
</tr>
<tr>
<td>OZO</td>
<td>Ozone depletion</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent Bioaccumulative Toxic</td>
</tr>
<tr>
<td>PHY</td>
<td>Physical Hazard (reactive)</td>
</tr>
<tr>
<td>REP</td>
<td>Reproductive toxicity</td>
</tr>
<tr>
<td>RES</td>
<td>Respiratory sensitization</td>
</tr>
<tr>
<td>SKI</td>
<td>Skin sensitization/irritation/corrosivity</td>
</tr>
<tr>
<td>LAN</td>
<td>Land Toxicity</td>
</tr>
<tr>
<td>NF</td>
<td>Not found on Priority Hazard Lists</td>
</tr>
</tbody>
</table>

#### GreenScreen (GS)

- BM-4 Benchmark 4 (prefer-safer chemical)
- BM-3 Benchmark 3 (use but still opportunity for improvement)
- BM-2 Benchmark 2 (use but search for safer substitutes)
- BM-1 Benchmark 1 (avoid - chemical of high concern)
- BM-U Benchmark Unspecified (insufficient data to benchmark)

- LT-P1 List Translator Possible Benchmark 1
- LT-1 List Translator Likely Benchmark 1
- 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 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

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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.
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.