DORMA Cylindrical Locks: CL700 and C800 Series

Product ID: CL700 and C800 Series Cylindrical Locks
Classification: 08 71 00.00 Openings (door ways): Door Hardware

Manufacturer: DORMA
Address: DORMA Americas
Dorma Drive, Drawer AC
Reamstown, PA 17567

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Email: archdw@dorma-usa.com

Website: www.dorma-usa.com

Release Date: 2015-09-23
Expiry Date: 2018-09-23

Description:
DORMA’s CL700 and C800 Series cylindrical locks are versatile locksets that provide exceptional security, enhanced aesthetics, and rugged dependability. The cylindrical locks feature upwards of 20 functions, suitable for a wide range of applications. Their high-performance cylindrical chassis is available with a range of lever and knob trim designs.

Summary Disclosure
The content of this product was assessed for health hazard warnings as required using Pharos.

Residuals Disclosure
- Measured 100 ppm (ideal)
- Measured 1000 ppm
- Predicted by process chemistry
- As per MSDS (1,000 & 10,000 ppm)
- Not disclosed
- Other

Full Disclosure of Intentional Ingredients: Yes
Full Disclosure of Known Hazards: Yes

Disclosure Notes:
There are no residuals that exist in the product at concentrations of 1,000 ppm or greater. Given that over 99% of the product is comprised of metals, any residuals predicted by the HBN Pharos tool stem from the remaining intentional content that constitutes less than 1% of the product. These residuals are thus expected to be under the 1,000 ppm threshold.

Contents in Descending Order of Quantity
ZINC, Steel, Brass, Steel, POLYPROPYLENE

Hazards
- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory
- Neurotoxicity
- Mammal
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

Total VOC Content
Material (g/L): N/A
Regulatory (g/L): N/A

Does the product contain exempt VOCs?: N/A
Are there VOC-free tints available?: N/A

Notes

Certifications + Compliance
VOC Emissions: Not tested
VOC Content: N/A
The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

**GS**: GreenScreen Benchmark; **RC**: Recycled Content, **PC**: Post Consumer, **PI**: Post Industrial (Pre-consumer), **BO**: Both; **Nano**: comprised of nanoscale particles or nanotechnology

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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</thead>
<tbody>
<tr>
<td>Hazard A</td>
<td>Warning A</td>
<td></td>
<td>LT-P1</td>
<td>BO</td>
<td>N</td>
<td>Lock chassis</td>
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<tr>
<td>Hazard B</td>
<td>Warning B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Hazard C</td>
<td>Warning C</td>
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<tr>
<td>Hazard D</td>
<td>Warning D</td>
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<tr>
<td>Hazard E</td>
<td>Warning E</td>
<td></td>
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</table>

**Notes**

**ZINC**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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<tbody>
<tr>
<td></td>
<td>7440-66-6</td>
<td>41.12 %</td>
<td>LT-P1</td>
<td>BO</td>
<td>N</td>
<td>Lock chassis</td>
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**ACUTE AQUATIC**

EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)

**CHRON AQUATIC**

EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects

**FLAMMABLE**

EU H-Statements: H250 Catches fire spontaneously if exposed to air

**REACTIVE**

EU H-Statements: H260 In contact with water releases flammable gases which may ignite spontaneously

**RESPIRATORY**

AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only

Die-cast lock components. The hazards associated with zinc are dependent upon the form in which zinc is provided. As zinc is inert upon receipt by DORMA 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.

**Steel**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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</thead>
<tbody>
<tr>
<td>Steel</td>
<td>12597-69-2</td>
<td>26.67 %</td>
<td>BO</td>
<td>N</td>
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<td>Lock body</td>
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</table>

None found

No warnings found on HPD Priority lists

Stainless steel (430, 630)

**Brass**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
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</thead>
<tbody>
<tr>
<td>Steel</td>
<td>12597-69-2</td>
<td>14.91 %</td>
<td>BO</td>
<td>N</td>
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<td>Lock body</td>
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None found

No warnings found on HPD Priority lists
Lock component made from a commonly used plastic. Users operating the lock are not exposed to the polypropylene components, which are fully contained by the metal encasement of the lock. As such, the actual risks associated with the lock’s installation and use in a building are minimal and the listed hazards can be deemed irrelevant to the end-user.

**CERTIFICATIONS AND COMPLIANCE**

**Certifying Party** = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard or Certification</th>
<th>Certifier or Laboratory</th>
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<tbody>
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<td>Certifying Party</td>
<td>Issue Date</td>
<td>Expiry Date</td>
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<td>Applicable Facilities</td>
<td>Certificate URL</td>
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<tr>
<td>Notes</td>
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</tbody>
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**ACCESSORY MATERIALS**

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

<table>
<thead>
<tr>
<th>Required or Recommended Product</th>
<th>URL for Companion Health Product Declaration</th>
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</thead>
<tbody>
<tr>
<td>Condition when required or recommended and/or other notes</td>
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</tr>
</tbody>
</table>
NOTES
This HPD represents intentional material ingredients present in DORMA’s cylindrical locks at concentrations of 1,000 ppm or higher. Materials are identified by their CAS registry numbers and cross-referenced with priority hazard lists to identify the hazards (if any) associated with a particular material. As such, HPDs list potential hazards associated with materials in a product and thereby the product itself. This identification of hazards, however, does not equate to the identification of risk or exposure associated with the installation or use of this product. An accurate assessment of risks is suggested in order to better judge the likelihood problems will arise from flagged ingredients.