

Name DORMA Concealed Closers: BTS 80 and RTS 80 Series



Product ID BTS 80, BTS 80 EMB and RTS 80 EMB Series Concealed Door Closers Classification 08 71 00.00 Openings (door ways): Door Hardware

Website www.dorma-usa.com

Manufacturer DORMA Contact Name Paul Licata
Address DORMA Americas Title Director of Brand Marketing
Dorma Drive, Drawer AC Phone 800-523-8483
Reamstown, PA 17567 Email archdw@dorma-usa.com

Description DORMA's BTS 80, BTS 80 EMB, and RTS 80 EMB Series of concealed door closers represent the latest in builders hardware technology. The closers can be used in a number of different configurations, including standard, narrow, or wide doors, as well as left-hand and right-hand single- or double-action mounting (both single and double leaf doors, including double leaf doors in combination with a BSR door coordinator).

A compact body permits use where larger closers would be prohibitive, and a comprehensive selection of accessories ensures that they can be used successfully with a wide variety of door constructions and floor coverings. These products offer maximum reliability and quality.

Release Date 2015-09-23 Expiry Date 2018-09-23 HPD URL <https://builder.hpd-collaborative.org/uploads/files/hpds/7771518-20150923092407.pdf>
 Self-declared Second Party Third Party Certifier Certificate #

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 No
Full Disclosure of Known Hazards Yes No
Disclosure Notes Given that the product is entirely comprised of metals and hydraulic fluid, no residuals are anticipated to be present.

Contents in Descending Order of Quantity IRON , Steel , LUBRICATING OILS , ZINC , Brass , COPPER , Steel , Aluminum Alloy (Mixture)

Hazards PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation Development Reproductive Endocrine Respiratory
Highest concern GreenScreen score - List Translator Benchmark 1 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 Yes No Are there VOC-free tints available? N/A Yes No

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

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
IRON	7439-89-6	54.02 %	LT-U	BO	N	Closer body
None found	No warnings found on HPD Priority lists					
Steel	12597-69-2	37.14 %		BO	N	Closer body
None found	No warnings found on HPD Priority lists					
LUBRICATING OILS	74869-22-0	4.07 %	LT-1	N	N	Hydraulic fluid
PBT	DSL: Persistent, Bioaccumulative and inherently Toxic (PBiT) to humans					
CANCER	EU CMR (1): Carcinogen Category 2 - Substances which should be regarded as if they are carcinogenic to man (also in EU R-Phrases, EU H-Statements, EU CMR (2))					
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant)					
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	7440-66-6	2.75 %	LT-P1	N	N	Closer body
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 closer 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 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.						
Brass	86376-49-0	1.16 %		BO	N	Closer body
None found	No warnings found on HPD Priority lists					
COPPER	7440-50-8	0.48 %	LT-P1	BO	N	Electrical cable
None found	No warnings found on HPD Priority lists					
Steel	12597-69-2	0.24 %		BO	N	Stainless steel screws
None found	No warnings found on HPD Priority lists					
	Stainless steel (304)					
Aluminum Alloy (Mixture)	91728-14-2	0.14 %		BO	N	Closer body
None found	No warnings found on HPD Priority lists					

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.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			

Other			

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.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	

NOTES

This HPD represents intentional material ingredients present in DORMA's concealed closer 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.