

Medeco 3 CLIQ Mortise Cylinder by Assa Abloy

CLASSIFICATION: 08 71 00

PRODUCT DESCRIPTION: Medeco CLIQ Mortise Cylinder uses local wireless communication between the lock and a communications hub to connect to an online electronic access control system. Features include: Non-volatile Memory Storing 750 Audit Events in the lock and 1,000 in the keycap; Power supplied by the key, no hard wiring required. Powered by an easily replaceable CR2025 Battery with 20,000 cycle battery life; Fits standard RIM and Mortise Housing as well as other various platforms; Available with RFID/PROX coil insert for dual use with HID compatible systems; Keys are electronically programmed to open only specific locks during a designated schedule; Audit information recorded in both the lock and key shows a time-and-date stamped record of every event, including authorized access and unauthorized attempts

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals/Impurities
Considered in 0 of 7 Materials

Explanation(s) provided
for Residuals/Impurities?
 Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

Threshold Disclosed Per

- Material
- Product

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](#)

[BRASS](#) [[BRASS UNK](#)] | [STEEL](#) [[IRON LT-UNK](#) | [MANGANESE LT-P1](#)] | [END NICKEL LT-1](#) | [MAM](#) | [CAN](#) | [SKI](#) | [AQU](#) | [RES](#) | [ZINC LT-P1](#) | [AQU](#) | [RES](#) | [PHY](#)] | [STAINLESS STEEL](#) [[STAINLESS STEEL UNK](#)] | [ELECTRONIC](#) [[PRINTED CIRCUIT BOARD NoGS](#)] | [COPPER WIRE](#) [[COPPER LT-P1](#)] | [PLASTIC](#) [[BENZENE, 1,4-DICHLORO-, POLYMER WITH SODIUM SULFIDE \(NA2S\) LT-](#)] | [UNK GLASS / MINERAL FIBER LT-UNK](#) | [LIMESTONE](#) | [CALCIUM CARBONATE LT-UNK](#) | [CARBON BLACK LT-1](#) | [CAN](#)] | [SPRING CONTACT ASSEMBLY](#) [[BRASS UNK](#) | [BERYLLIUM LT-1](#)] | [MAM](#) | [EYE](#) | [SKI](#) | [CAN](#) | [AQU](#) | [MUL](#) | [RES](#) | [STAINLESS STEEL UNK](#) | [POLY\(OXYMETHYLENE\), -ACETYL-, -\(ACETYLOXY\)- LT-UNK](#) | [COPPER LT-P1](#)]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals not considered as impacts are not considered to be significant

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

LCA: Environmental Product Declaration
Other: Declare Label

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2016-12-01

PUBLISHED DATE: 2018-05-29

EXPIRY DATE: 2019-12-01

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

BRASS

#: 95.7400 - 95.7400

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: Plug; 1-1/8" Moritise shell mach; Mortise Cam Retainer; Tumble pin; and Driver pin

BRASS

ID: 12597-71-6

#: 100.0000 - 100.0000 GS: UNK RC: None NANO: No ROLE: Brass

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Brass Cylinder Component

STEEL

#: 2.3400 - 2.3400

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: Cyl PCB Cover; Security Plate; and Cam

IRON

ID: 7439-89-6

#: 95.0000 - 95.0000 GS: LT-UNK RC: None NANO: No ROLE: Iron

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Structural Component

MANGANESE

ID: 7439-96-5

#: 2.0000 - 2.0000 GS: LT-P1 RC: None NANO: No ROLE: Manganese

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Structural Component

NICKEL

ID: 7440-02-0

#: 0.2000 - 0.2000 GS: LT-1 RC: None NANO: No ROLE: Nickel

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R23 - Toxic by Inhalation (gas, vapour, dust/mist)

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

ORGAN TOXICANT

EU - R-phrases

R48: Danger of serious damage to health by prolonged exposure.

ACUTE AQUATIC

EU - R-phrases

R52 - Harmful to Aquatic Organisms

CANCER

IARC

Group 1 - Agent is Carcinogenic to humans

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - Inhalable forms only

SKIN IRRITATION

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Structural Component

ZINC

ID: 7440-66-6

%: 0.1500 - 9.1000	GS: LT-P1	RC: None	NANO: No	ROLE: Zinc
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only		
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		

SUBSTANCE NOTES: Structural Component

STAINLESS STEEL

%: 1.2300 - 1.2300

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: Security Pin; #2-56 x 3/16 screw; Reset Pin Spring; Sidebar Spring; Friction Spring; Sidebar Vertical; Reset Pin; Actuator Vert; 8-32 x 1/8 Set screw; Tumbler spring; Driver Pin

STAINLESS STEEL

ID: 12597-68-1

%: 100.0000 - 100.0000	GS: UNK	RC: None	NANO: No	ROLE: Stainless Steel
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Various

ELECTRONIC

%: 0.5900 - 0.5900

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: Cylinder Printed Circuit Board; and Motor

PRINTED CIRCUIT BOARD

ID: Not Registered

%: 100.0000 - 100.0000	GS: NoGS	RC: None	NANO: No	ROLE: PCB
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: No CAS number is assigned for electronic components

COPPER WIRE

%: 0.0900 - 0.0900

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

COPPER

ID: 7440-50-8

%: 100.0000 - 100.0000	GS: LT-P1	RC: None	NANO: No	ROLE: COPPER
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

PLASTIC

%: 0.0600 - 0.0600

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: Motor Cover; and Reset Pin Cover

BENZENE, 1,4-DICHLORO-, POLYMER WITH SODIUM SULFIDE (NA2S)

ID: 26125-40-6

#: 30.0000 - 40.0000 GS: LT-UNK RC: None NANO: No ROLE: Benzene, 1,4-dichloro-, polymer with sodium sulfide (Na2S)

HAZARDS: None Found
 AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: Cylinder Component

GLASS / MINERAL FIBER

ID: 65997-17-3

#: 30.0000 - 40.0000 GS: LT-UNK RC: None NANO: No ROLE: GLASS / MINERAL FIBER

HAZARDS: None Found
 AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: Cylinder Component

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 25.0000 - 35.0000 GS: LT-UNK RC: None NANO: No ROLE: LIMESTONE; CALCIUM CARBONATE

HAZARDS: None Found
 AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: Cylinder Component

CARBON BLACK

ID: 1333-86-4

#: 2.0000 - 2.0000 GS: LT-1 RC: None NANO: No ROLE: CARBON BLACK

HAZARDS: CANCER
 AGENCY(IES) WITH WARNINGS: US CDC - Occupational Carcinogens Occupational Carcinogen
 CA EPA - Prop 65 Carcinogen (airborne particles of respirable size - occupational setting)
 IARC Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources
 MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Cylinder Component

SPRING CONTACT ASSEMBLY

%: 0.0300 - 0.0300

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

BRASS

ID: 12597-71-6

#: 20.0000 - 20.0000 GS: UNK RC: None NANO: No ROLE: Brass

HAZARDS: None Found
 AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: Spring Assembly Component

BERYLLIUM

ID: 7440-41-7

#: 20.0000 - 20.0000 GS: LT-1 RC: None NANO: No ROLE: BERYLLIUM

HAZARDS: AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
MAMMALIAN	EU - R-phrases	R26 - Very Toxic by Inhalation
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
CANCER	EU - R-phrases	R49 - May cause cancer by inhalation
ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms
CANCER	US EPA - IRIS Carcinogens	(1996) Known/likely human Carcinogen
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
CANCER	EU - GHS (H-Statements)	H350i - May cause cancer by inhalation
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
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	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: Spring Assembly Component

STAINLESS STEEL

ID: 12597-68-1

%: 20.0000 - 20.0000	GS: UNK	RC: None	NANO: No	ROLE: Stainless Steel
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Spring Assembly Component

POLY(OXYMETHYLENE), -ACETYL- (ACETYLOXY)-

ID: 25231-38-3

%: 20.0000 - 20.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Poly(oxymethylene), -acetyl- (acetyloxy)-
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Spring Assembly Component

COPPER

ID: 7440-50-8

%: 20.0000 - 20.0000	GS: LT-P1	RC: None	NANO: No	ROLE: COPPER
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Spring Assembly Component

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 Declaration

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **NA**

CERTIFICATE URL:

http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20and%20Hardware/145%201_ASSA%20ABLOY_mrEPD_Medeco3%20Mortise%20Cylinder.pdf

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE:

EXPIRY DATE:

2015-

06-18

OTHER

Declare Label

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **NA**

CERTIFICATE URL:

<http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/MEDECO%203%20CLIQ%20MORTISE%20CYLINDER.jpg>

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE:

2015-10-01

EXPIRY DATE:

2016-10-01

CERTIFIER OR LAB: **ILFI**

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

Residuals not considered as impacts are not considered to be significant

MANUFACTURER INFORMATION

MANUFACTURER: **Assa Abloy**
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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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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.