

CLASSIFICATION: 08 71 00

PRODUCT DESCRIPTION: THE MS 1850 SERIES MS® DEADLOCK UTILIZES A LAMINATED STAINLESS STEEL BOLT, ACTIVATED BY A PIVOT MECHANISM TO PROVIDE MAXIMUM SECURITY FOR A SINGLE LEAF, NARROW STILE DOOR. THE NEARLY 3" LONG BOLT ACTIVATED BY AN UNCOMPLICATED PIVOT MECHANISM, HAS MADE THIS BASIC MS® DEADLOCK THE STANDARD OF THE NARROW STILE DOOR INDUSTRY.

Section 1: Summary

CONTENT INVENTORY

- | | |
|--|--|
| Threshold per material | Residuals and impurities considered in |
| <input type="radio"/> 100 ppm | 0 of 1 materials |
| <input checked="" type="radio"/> 1,000 ppm | <input checked="" type="radio"/> see Section 2: Material |
| <input type="radio"/> Per GHS SDS | Notes |
| <input type="radio"/> Per OSHA MSDS | <input checked="" type="radio"/> see Section 5: General |
| <input type="radio"/> Other | Notes |

Based on the selected Content Inventory Threshold:

- | | |
|---|---|
| Characterized..... | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Are the Percent Weight and Role provided for all substances? | <input type="radio"/> Yes <input type="radio"/> No |
| Screened..... | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Are all substances screened using Priority Hazard Lists with results disclosed? | <input type="radio"/> Yes <input type="radio"/> No |
| Identified..... | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Are all substances disclosed by Name (Specific or Generic) and Identifier? | <input type="radio"/> Yes <input type="radio"/> 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.

Number of Greenscreen BM-4/BM3 contents..... 0
 Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
 Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

STEEL [IRON **LT-UNK** MANGANESE **LT-P1** | END NICKEL **LT-1** | MAM | CAN | SKI | AQU | RES
 ZINC **LT-P1** | AQU | RES | PHY]

INVENTORY AND SCREENING NOTES:

Residuals not considered as impacts are not considered to be significant

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE

VOC Content data is not applicable for this product category.

Self-Published* VERIFIER: SCREENING DATE: May 11, 2016 EXPIRY DATE*: May 11, 2019
 Third Party Verified VERIFICATION #: RELEASE DATE: May 11, 2016 * or within 3 months of significant change in product contents

*See HPDC website for details

Section 2: Content in Descending Order of Quantity

Steel	%: 100.00 - 100.00			HPD URL:
Inventory Threshold: 1000 ppm	Residuals Considered: No			
Material Notes: Material found in the following components: PLATE PART OF 41-010; SIDE PLATE, 1-1/8 PA; SIDE PLATE, 1-1/8 PA; PIN-BOLT PIVOT PART; PIN-ARM-PIVOT PART O; PIN-BOLT PART OF 41; ARM & CAM ROLLER ASS; ARM 1 1/8; SPACER; CAM ROLLER; PIN, GROOVE; SPRING; BOLT, RIGHT-STANDARD; BOLT, LEFT-STANDARD; BOLT, MIDDLE-STANDARD; INSERT, BOLT; RIVET, SPECIAL; SET SCR #8X15/32 S.S; SCR FLT HD #10X1 7/8				
IRON	ID: 7439-89-6			
%: 95.00 - 95.00	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			
%: 2.00 - 2.00	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			
%: 0.20 - 0.20	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			
%: 0.15 - 9.10	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				

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

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: NA

CERTIFICATE URL:

[http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20and%20Hardware/123.1_ASSA%20ABLOY_mrEPD_Adams%](http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20and%20Hardware/123.1_ASSA%20ABLOY_mrEPD_Adams%20Rite%20MS1850S%20MS%20Single%20Point%20Lock)

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: NA

CERTIFICATE URL:

<http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/ADAMS%20RITE%20MS1850S%20MS%20Single%20Point%20Lock>

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.

Section 5: General Notes

Residuals not considered as impacts are not considered to be significant

MANUFACTURER INFORMATION

MANUFACTURER: Assa Abloy CONTACT NAME: Amy Vigneux
ADDRESS: 110 Sargent Drive TITLE: Manager, Sustainable Building Solutions
New Haven, CT 06511
United States PHONE: 2036035919
WEBSITE: www.assaabloydss.com/sustainability EMAIL: amy.vigneux@assaabloy.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 **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) **UNK** 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)
Independent Lab Manufacturer's self-declaration using results from an independent lab
Second Party Verification by trade association or other interested party
Third Party Verification by independent certifier
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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.