

# Montage II by Assa Abloy

CLASSIFICATION: 32 31 00

PRODUCT DESCRIPTION: Built for strength yet a penchant for beauty, Montage II is an industrial weight steel fence that delivers on both levels. Superior welding techniques create a profile that lends itself to landscaping design while maintaining a level of perimeter security that is unmatched

## 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 4 Materials

Explanation(s) provided  
for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

#### Characterized

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](#)

STEEL [ IRON LT-UNK MANGANESE LT-P1 | END NICKEL LT-1 | MAM | CAN | SKI | AQU | RES ZINC LT-P1 | AQU | RES | PHY ] PAINT/RESIN [ WATER UNK 1-PHENOXY-2-PROPANOL LT-UNK PROPYLENE GLYCOL MONOMETHYL ETHER (PGME) LT-UNK BUTOXYPROPANOL LT-UNK | EYE | SKI ] PRIMER [ WATER UNK 5,8,11,13,16,19-HEXAOXATRICOSANE LT-UNK ] 1" PLASTIC PLUG BLACK [ POLYETHYLENE LT-UNK ]

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.

Other: Declare Label

LCA: Environmental Product Declaration

#### 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: 2018-05-24

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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### STEEL

#: 97.5300 - 97.5300

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Steel is the main component of MONT-II RAIL 8'L 4"GAP and MONT-II PKT GEN NO-RAIL materials

### 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

## PAINT/RESIN

%: 1.3700 - 1.3700

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

### WATER

ID: 7732-18-5

%: 85.0000 - 97.0000      GS: UNK      RC: None      NANO: No      ROLE: Water

HAZARDS:      AGENCY(IES) WITH WARNINGS:

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES: Paint/Resin Component

### 1-PHENOXY-2-PROPANOL

ID: 770-35-4

%: 1.0000 - 5.0000      GS: LT-UNK      RC: None      NANO: No      ROLE: 1-PHENOXY-2-PROPANOL

HAZARDS:      AGENCY(IES) WITH WARNINGS:

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES: Paint/Resin Component

### PROPYLENE GLYCOL MONOMETHYL ETHER (PGME)

ID: 107-98-2

%: 1.0000 - 5.0000      GS: LT-UNK      RC: None      NANO: No      ROLE: PROPYLENE GLYCOL MONOMETHYL ETHER (PGME)

HAZARDS:      AGENCY(IES) WITH WARNINGS:

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES: Paint/Resin Component

### BUTOXYPROPANOL

ID: 5131-66-8

%: 1.0000 - 5.0000      GS: LT-UNK      RC: None      NANO: No      ROLE: BUTOXYPROPANOL

HAZARDS:      AGENCY(IES) WITH WARNINGS:

EYE IRRITATION      EU - R-phrases      R36 - Irritating to eyes

SKIN IRRITATION      EU - R-phrases      R38 - Irritating to skin

SKIN IRRITATION      EU - GHS (H-Statements)      H315 - Causes skin irritation

EYE IRRITATION      EU - GHS (H-Statements)      H319 - Causes serious eye irritation

SUBSTANCE NOTES: Paint/Resin Component

## PRIMER

%: 1.0500 - 1.0500

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

### WATER

ID: 7732-18-5

%: 98.5000 - 99.5000      GS: UNK      RC: None      NANO: No      ROLE: Water

HAZARDS:      AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Primer Component**

**5,8,11,13,16,19-HEXAOXATRICOSANE**

ID: 143-29-3

%: **0.5000 - 1.5000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **5,8,11,13,16,19-HEXAOXATRICOSANE**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Primer Component**

**1" PLASTIC PLUG BLACK**

%: **0.0500 - 0.0500**

HPD URL:

MATERIAL THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

**POLYETHYLENE**

ID: 9002-88-4

%: **100.0000 - 100.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **POLYETHYLENE**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Plug 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.

OTHER	Declare Label		
CERTIFYING PARTY: <b>Third Party</b>	ISSUE DATE: <b>2015-</b>	EXPIRY DATE: <b>2016-</b>	CERTIFIER OR LAB: <b>ILFI</b>
APPLICABLE FACILITIES:	<b>09-01</b>	<b>09-01</b>	
CERTIFICATE URL: <a href="http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/AMERISTAR%20MONTAGE%20FENCE.jpg">http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/AMERISTAR%20MONTAGE%20FENCE.jpg</a>			
CERTIFICATION AND COMPLIANCE NOTES:			
LCA	Environmental Product Declaration		
CERTIFYING PARTY: <b>Third Party</b>	ISSUE DATE: <b>2014-</b>	EXPIRY DATE: <b>2014-</b>	CERTIFIER OR LAB: <b>ULE</b>
APPLICABLE FACILITIES: <b>NA</b>	<b>10-28</b>		
CERTIFICATE URL: <a href="http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Fencing/108.1_ASSA%20ABLOY_mrEPD_Montage%20Fencing%20Panel_20150416.pdf">http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Fencing/108.1_ASSA%20ABLOY_mrEPD_Montage%20Fencing%20Panel_20150416.pdf</a>			
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.

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**  
 ADDRESS: **110 Sargent Drive**  
**New Haven CT 06511, United States**  
 WEBSITE: <http://www.assaabloy.com>

CONTACT NAME: **Amy Vigneux**  
 TITLE: **Manager, Sustainable Building Solutions**  
 PHONE: **2036035919**  
 EMAIL: [amy.vigneux@assaabloy.com](mailto: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

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

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