

HPD UNIQUE IDENTIFIER: 971167855616

CLASSIFICATION: 08 70 00 Hardware

PRODUCT DESCRIPTION: Ives Protection Plates are available in a variety of sizes and finishes. The function of the product is to protect the door in areas where they are often hit. The categories of available products include kick plates, mop plates, stretcher plates and armor plates. Product categories differ in product size and/or where the product is installed on the door.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                                               |                                          |                                                               |                                                                                    |
|-----------------------------------------------|------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Inventory Reporting Format</b>             | <b>Threshold Level</b>                   | <b>Residuals/Impurities Evaluation</b>                        | <i>For all contents above the threshold, the manufacturer has:</i>                 |
| <input type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | <input checked="" type="radio"/> Completed                    | <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input checked="" type="radio"/> Basic Method | <input type="radio"/> 1,000 ppm          | <input type="radio"/> Partially Completed                     | <i>Provided weight and role.</i>                                                   |
| <b>Threshold Disclosed Per</b>                | <input type="radio"/> Per GHS SDS        | <input type="radio"/> Not Completed                           | <b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                | <input type="radio"/> Other              | <b>Explanation(s) provided :</b>                              | <i>Provided screening results using HPDC-approved methods.</i>                     |
| <input checked="" type="radio"/> Product      |                                          | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No    |
|                                               |                                          |                                                               | <i>Provided name and CAS RN or other identifier.</i>                               |

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.

**PRODUCT** | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

**GREENSCREEN SCORE** | HAZARD TYPE

**IVES STAINLESS STEEL PROTECTION PLATES [ UNS S43000**

**STAINLESS STEEL ALLOY UNS S41000 STAINLESS STEEL ALLOY ]**

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

Special Conditions applied: [MetalAlloy]

This HPD considers the chemicals associated with the metal alloys used in the production of the stainless steel versions of Allegion protection plates. This includes kick plates, armor plates, stretcher plates and push plates. Customer requested finishes are not considered and may change the inventory listed on this HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** *See Section 3 for additional listings.*

VOC emissions: Inherently non-emitting source per LEED

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 Option 1.

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2024-09-19 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2024-09-20 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2027-09-19    |

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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

IVES STAINLESS STEEL PROTECTION PLATES

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals from the manufacturing process were considered.

OTHER PRODUCT NOTES:

UNS S43000 STAINLESS STEEL ALLOY

ID: UNS S43000

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

%: 98.7000 - 99.9000

GreenScreen: See notes

RC: None

NANO: No

MATERIAL ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [ UNS S43000 ]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Additional Listings appear for the alloy.

MATERIAL CONTENT NOTES: GreenScreen BM-1 and LT-1 scores of constituent alloying elements are listed, but it should be noted that hazard assessment of individual elements is different and not commensurate with hazard assessment of metal alloys, which have different physical and reactive properties, and for which a comprehensive hazard assessment methodology has not been identified that supports the purpose of an HPD. No metal alloy product or supplier HPDs available.

UNS S30100 STAINLESS STEEL ALLOY

ID: UNS S30100

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

%: 98.7000 - 99.9000 ALT

GreenScreen: See notes

RC: None

NANO: No

MATERIAL ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [ <a href="#">UNS S30100</a> ]                                                                                                                                                                                                                                                                                                                                                                                               |
| METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.                                      |
| GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: Nickel (Ni) - LT-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LISTING NOTES: No Additional Listings appear for the alloy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MATERIAL CONTENT NOTES: This is an alternate to 430SS grade. GreenScreen BM-1 and LT-1 scores of constituent alloying elements are listed, but it should be noted that hazard assessment of individual elements is different and not commensurate with hazard assessment of metal alloys, which have different physical and reactive properties, and for which a comprehensive hazard assessment methodology has not been identified that supports the purpose of an HPD. No metal alloy product or supplier HPDs available. |
| ALTERNATE: This material is an alternate material to UNS S43000 Stainless Steel Alloy.                                                                                                                                                                                                                                                                                                                                                                                                                                       |

UNS S41000 STAINLESS STEEL ALLOY

ID: UNS S41000

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |                 |                 |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                 |                 |                                |
| %: <b>0.1500 - 1.3000</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | GreenScreen: <b>See notes</b> | RC: <b>None</b> | NANO: <b>No</b> | MATERIAL ROLE: <b>Fastener</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | AGENCY AND LIST TITLES        |                 | WARNINGS        |                                |
| Hazard Screening is not applicable to this Special Condition                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                 |                 |                                |
| METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [ <a href="#">UNS S41000</a> ]                                                                                                                                                                                                                                                                                                                                                          |                               |                 |                 |                                |
| METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above. |                               |                 |                 |                                |
| GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None                                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |                 |                 |                                |
| LISTING NOTES: No Additional Listings appear for the alloy.                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |                 |                 |                                |
| MATERIAL CONTENT NOTES: GreenScreen BM-1 and LT-1 scores of constituent alloying elements are listed, but it should be noted that hazard assessment of individual elements is different and not commensurate with hazard assessment of metal alloys, which have different physical and reactive properties, and for which a comprehensive hazard assessment methodology has not been identified that supports the purpose of an HPD. No metal alloy product or supplier HPDs available. |                               |                 |                 |                                |

### 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.*

| VOC EMISSIONS                       | Inherently non-emitting source per LEED |                        |
|-------------------------------------|-----------------------------------------|------------------------|
| CERTIFYING PARTY: Self-declared     | ISSUE DATE: 2024-09-19 00:00:00         | CERTIFIER OR LAB: None |
| APPLICABLE FACILITIES: All          | EXPIRY DATE:                            |                        |
| CERTIFICATE URL:                    |                                         |                        |
| 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

The HPD is for Ives Stainless Steel Protection Plates. For products of other materials, please contact us.

MANUFACTURER INFORMATION

MANUFACTURER: **Allegion**  
ADDRESS: **7221 West 350 North**  
**Greenfield, IN 46140**  
COUNTRY: **USA**

WEBSITE:  
**<https://us.allegion.com/en/home/products/categories/mechanical-accessories/ives-protection-plates.html>**  
CONTACT NAME: **Aaron Owens**  
TITLE: **Sustainability Specialist**  
PHONE: **317-810-3751**  
EMAIL: **[sustainability@allegion.com](mailto:sustainability@allegion.com)**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

KEY

Hazard Types

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <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>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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.*