July 2019

RE: Sustainability Statement

Nystrom certifies and provides the following information for use in achieving LEED v4 credit for the specification of Nystrom Access Doors and Panels.

**Product**  Uninsulated Fire-rated Access Doors
**Model(s)**  UT, UW, UP

**Manufacturing Info**
- Final Assembly Location: Brooklyn Park, MN
- Extraction point is not within 500 miles of manufacturing

**LEED Credit Options**
- MR Credit: Building Product Disclosure and Optimization – Material Ingredients
  - Option 1. Material Ingredient Reporting (1 point) Use at least 20 different permanently installed products from at least five different manufacturers that use any of the following programs to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm). (10 different permanently installed products from at least three different manufacturers for CS and Warehouses & Distribution Centers)
    - Health Product Declaration. The end use product has a published and complete Health Product Declaration with full disclosure of known hazards in compliance with the Health Product Declaration open Standard.

If you require any further information, please do not hesitate to contact us at (800) 547-2635.

May 2017
Uninsulated Fire-Rated Access Doors by Nystrom

CLASSIFICATION: 08 31 00 Openings: Access Doors and Panels

PRODUCT DESCRIPTION: Nystrom's Uninsulated Fire Rated Access Doors are a cost effective access solution for fire-rated walls. UL Listed “B” label for 1-1/2 hours, these doors do not carry the temperature rise rating. This HPD covers Nystrom's Uninsulated Fire-Rated Access Doors (UT, UW, UP) with standard features. Optional accessories are included in Section 4: Accessories.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

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

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:
- Characterized
  - Yes Ex/SC
  - Yes
  - No

% weight and role provided for all substances.

Screened
- Yes Ex/SC
- Yes
- No

All substances screened using Priority Hazard Lists with results disclosed.

Identified
- Yes Ex/SC
- Yes
- No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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
--- | --- | --- | --- | ---
UNINSULATED FIRE-RATED ACCESS DOORS | STEEL NoGS STAINLESS STEEL NoGS ZINC LT-P1 | AQU | PHY | END | MUL UNDISCLOSED NoGS ALUMINA TRIHYDRATE BM-2 | RES TITANIUM DIOXIDE LT-1 | CAN | END

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1.1, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Substances not "Identified" are those considered proprietary to suppliers.

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 Material Ingredients, Option 1

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-05-09
PUBLISHED DATE: 2019-07-24
EXPIRY DATE: 2022-05-09
### 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

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<table>
<thead>
<tr>
<th>UNINSULATED FIRE-RATED ACCESS DOORS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRODUCT THRESHOLD:</strong> 1000 ppm</td>
</tr>
<tr>
<td><strong>RESIDUALS AND IMPURITIES CONSIDERED:</strong> Yes</td>
</tr>
</tbody>
</table>

**RESIDUALS AND IMPURITIES NOTES:** Residuals and Impurities were considered by following the suggestions of Emerging Best Practices. Approximately 99% of this product consists of metal alloys, for which Pharos CML considers the various alloying elements as "Known or Potential Residuals". Thus, these components have been included in the Substance Notes instead of as individual content entries, with components listed by name, CASRN, percent by weight (as per supplier SDS), and relevant GreenScreen score.

**OTHER PRODUCT NOTES:** Percent by weight of substances given as ranges to account for material differences between product lines.

#### STEEL

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-05-09</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 97.00 - 99.00</td>
<td>GS: NoGS</td>
</tr>
<tr>
<td>%: 97.00 - 99.00</td>
<td>RC: Both</td>
</tr>
<tr>
<td>%: 97.00 - 99.00</td>
<td>NANO: No</td>
</tr>
<tr>
<td>%: 97.00 - 99.00</td>
<td>ROLE: Base Metal</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

**WARNINGS**

No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** Standard door and frame, spring, bracket, hinge, latch, mixed hardware. Alternate door and frame available in stainless steel. Recycled content confirmed by suppliers for steel used in product ranges from 18.5% total (14.0% pre-consumer and 4.5% post-consumer recycled scrap) to 97.8% total (36.5% pre-consumer and 61.3% post-consumer recycled scrap). Documentation from supplier provides the following composition for alloying elements that may individually exceed the declared threshold: max 3.1% Silicon [7440-21-3; LT-UNK]; max 2.5% Manganese [7439-96-5; LT-P1]; max 1.6% Aluminum [7429-90-5; LT-P1]; max 1.8% Nickel [8049-31-8; LT-1]; max 1% Chromium [7440-47-3; LT-P1].

#### STAINLESS STEEL

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-05-09</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 90.00 - 92.00</td>
<td>GS: NoGS</td>
</tr>
<tr>
<td>%: 90.00 - 92.00</td>
<td>RC: Both</td>
</tr>
<tr>
<td>%: 90.00 - 92.00</td>
<td>NANO: No</td>
</tr>
<tr>
<td>%: 90.00 - 92.00</td>
<td>ROLE: Base Metal</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

**WARNINGS**

No warnings found on HPD Priority Hazard Lists
### Zinc

**ID:** 7440-66-6

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-05-09

<table>
<thead>
<tr>
<th>%:</th>
<th>0.02 - 2.00</th>
<th>GS:</th>
<th>LT-P1</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Metallic Coating</th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

- **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

- **ENDOCRINE**  
  TEDX - Potential Endocrine Disruptors: Potential Endocrine Disruptor

- **MULTIPLE**  
  German FEA - Substances Hazardous to Waters: Class 2 - Hazard to Waters

**SUBSTANCE NOTES:** Used in galvannealed and zinc-plated steel components, including alternate door and frame, spring, bracket, and various mixed hardware.

### Undisclosed

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-05-09

<table>
<thead>
<tr>
<th>%:</th>
<th>0.00 - 0.40</th>
<th>GS:</th>
<th>NoGS</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Pigment Binder</th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

None found  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** White powder coating available on standard steel door and frame. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

### Alumina Trihydrate

**ID:** 21645-51-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-05-09

<table>
<thead>
<tr>
<th>%:</th>
<th>0.00 - 0.30</th>
<th>GS:</th>
<th>BM-2</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Filler, Extender</th>
</tr>
</thead>
</table>

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

None found

**SUBSTANCE NOTES:** White powder coating available on standard steel door and frame. Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.
### HAZARD TYPE

| RESPIRATORY | AOECA - Asthamagens | Asthagen (Rs) - sensitized-induced |

### WARNING

**SUBSTANCE NOTES:** White powder coating available on standard steel door and frame. GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool.

### TITANIUM DIOXIDE

**ID:** 13463-67-7

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-05-09</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%:</strong> 0.00 - 0.30</td>
<td><strong>GS:</strong> LT-1</td>
</tr>
<tr>
<td><strong>RC:</strong> None</td>
<td><strong>NANO:</strong> No</td>
</tr>
<tr>
<td><strong>ROLE:</strong> Pigment</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** White powder coating available on standard steel door and frame.
### 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.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>Inherently non-emitting source per LEED®</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Self-declared</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-04-10</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: This product qualifies as an inherently non-emitting source per LEED, as ~99% of the product consists of powder-coated metal and/or plated or anodized metal. As per LEED, "Products that are inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood) are considered fully compliant without any VOC emissions testing if they do not include integral organic-based surface coatings, binders, or sealants."

### 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.

**KEY OPERATED CAM LATCH**

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Optional Latch available. Please contact manufacturer for more information.

**MORTISE LOCK PREP**

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Optional Mortise Lock (1-1/8 inch) Prep available. Please contact manufacturer for more information.

### Section 5: General Notes

Uninsulated Fire-Rated Access Doors
hpdrepository.hpd-collaborative.org

HPD v2.1.1 created via HPDC Builder Page 5 of 6
MANUFACTURER INFORMATION

MANUFACTURER: Nystrom
ADDRESS: 9300 73rd Avenue North
Minneapolis MN 55428, USA
WEBSITE: www.nystrom.com

CONTACT NAME: Sandy McWilliams
TITLE: Director of Business Development
PHONE: (800) 547-2635
EMAIL: SMcWilliams@nystrom.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
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity
OZO Ozone depletion
PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

GreenScreen (GS)

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

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.