August 2020

RE: Sustainability Statement

Nystrom certifies and provides the following information for use in achieving LEED v4 credit for the specification of Nystrom Wall and Door Protection.

**Product** Stainless Steel Crash Rails, Hand Rails, Corner Guards,  
**Model(s)** CRSS4, CRSS55, CRSE4, CGS, CGT, CGA, and WCS.

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

**LEED Credit Options:**

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.

- **Option 2: Material Ingredient Optimization (1 point)** Use permanently installed products from at least three different manufacturers that document their material ingredient optimization using the paths below. Choose either 10 compliant products, or select products that constitute at least 10%, by cost, of the total value of permanently installed products in the project.  
  - GreenScreen v1.2 Benchmark. Products that have fully inventoried chemical ingredients to 100 ppm that have no Benchmark 1 hazards.

If you require any further information, please do not hesitate to contact us at (800) 547-2635
**Stainless Steel Wall Protection by Nystrom**

**CLASSIFICATION:** 10 26 00 Specialties: Wall and Door Protection

**PRODUCT DESCRIPTION:** Wall & Door Protection is an integral part of a commercial project to prevent damage and safeguard your building investment. Nystrom’s Stainless Steel Crash Rails, Hand Rails, Corner Guards, and Wall Protection offer a superior level of protection in high abuse areas. The stainless steel gives a high-tech appearance with industrial strength. Available in standard #4 satin finish or one of 11 embossed patterns. This HPD includes Nystrom products CRSS4, CRSS55, CRSE4, CGS, CGT, CGA, and WCS.

### Section 1: Summary

**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:**

<table>
<thead>
<tr>
<th>Characterized</th>
<th>Yes</th>
<th>Ex/SC</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>% weight and role provided for all substances.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screened</th>
<th>Yes</th>
<th>Ex/SC</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>All substances screened using Priority Hazard Lists with results disclosed.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Identified</th>
<th>Yes</th>
<th>Ex/SC</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>All substances disclosed by Name (Specific or Generic) and Identifier.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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**

**STAINLESS STEEL WALL PROTECTION**

<table>
<thead>
<tr>
<th>STAINLESS STEEL</th>
<th>NoGS</th>
<th>6061</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINUM</td>
<td>LT-P1</td>
<td>RES</td>
</tr>
</tbody>
</table>

**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 100 parts per million (ppm) in the finished product, along with the role and percent weight.

### 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 Material Ingredients, Option 1 and Option 2

### Third Party Verified?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**PREPARER:** Self-Prepared

**VERIFIER:**

**SCREENING DATE:** 2019-06-19

**PUBLISHED DATE:** 2019-07-31

**EXPIRY DATE:** 2022-06-19
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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

### STAINLESS STEEL WALL PROTECTION

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD:</th>
<th>100 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED:</td>
<td>Yes</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES:</td>
<td>Residuals and Impurities were considered by following the suggestions of Emerging Best Practices. 100% of this product consists of metal alloys, for which Pharos CML considers the various alloying elements as &quot;Known or Potential Residuals&quot;. 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.</td>
</tr>
<tr>
<td>OTHER PRODUCT NOTES:</td>
<td>Percent by weight of substances given as ranges to account for slight material differences between product lines.</td>
</tr>
</tbody>
</table>
### STAINLESS STEEL

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-06-19

<table>
<thead>
<tr>
<th>%:</th>
<th>99.80 - 100.00</th>
<th>GS:</th>
<th>NoGS</th>
<th>RC:</th>
<th>Both</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Base Metal</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Wall protection. This substance is considered essentially inert for the purposes of Pharos toxics scoring (Pharos CML). Total recycled content confirmed by supplier is 5-60% (average 35%). Documentation from supplier provides the following composition for alloying elements that may individually exceed the declared threshold: max 75% Iron [7439-89-6; LT-P1]; 25% Nickel [7440-02-0; LT-1]; max 25% Chromium [7440-47-3; LT-P1]; max 10% Manganese [7439-96-5; LT-P1]; max 5.0% Molybdenum [7439-98-7; LT-UNK]; max 5.0% Copper [7440-50-8; LT-UNK]; max 5.0% Silicon [7440-21-3; LT-UNK]; max 5.0% Calcium [7440-70-2; LT-P1]; max 5.0% Aluminum [7429-90-5; LT-P1]; max 1.0% Cobalt [7440-48-4; LT-1].

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### 6061 ALUMINUM

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-06-19

<table>
<thead>
<tr>
<th>%:</th>
<th>0.00 - 0.20</th>
<th>GS:</th>
<th>LT-P1</th>
<th>RC:</th>
<th>UNK</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE:</th>
<th>Base Metal</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

<table>
<thead>
<tr>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOEC - Asthmagens</td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
</tr>
</tbody>
</table>

**WARNINGS**

- Asthmagen (Rs) - sensitizer-induced
- H228 - Flammable solid
- H250 - Catches fire spontaneously if exposed to air
- H261 - In contact with water releases flammable gases
- Potential Endocrine Disruptor

**SUBSTANCE NOTES:** Beam bracket. Recycled content confirmed by supplier: 50% post industrial recycled scrap and 25% post consumer recycled scrap. Documentation from suppliers provide the following composition for alloying elements that may individually exceed the declared threshold: 1.2% Magnesium [7439-95-4; LT-UNK]; 0.8% Silicon [7440-21-3; LT-UNK]; 0.7% Iron [7439-89-6; LT-P1]; 0.4% Chromium [7440-47-3; LT-P1]; 0.4% Copper [7440-50-8; LT-UNK]; 0.3% Cobalt [7440-48-4; LT-1]; 0.3% Zinc [7440-66-6; LT-P1]; 0.2% Manganese [7439-96-5; LT-P1]; 0.2% Titanium [7440-32-6; LT-UNK]; max 0.2% Columbium [7440-03-1; LT-UNK]. Specific guidelines are being created to address known issues related to transparency and disclosure for several materials (“Special Conditions”), including those with Form-Specific Hazards such as Aluminum.
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

| CERTIFYING PARTY: | Self-declared |
| CERTIFICATIONS: | Inherently non-emitting source per LEED® |
| APPLICABLE FACILITIES: | All |
| CERTIFICATE URL: | |
| ISSUE DATE: | 2019-05-20 |
| EXPIRY DATE: | |
| CERTIFIER OR LAB: | N/A |

CERTIFICATION AND COMPLIANCE NOTES: This product qualifies as an inherently non-emitting source per LEED, as ~99% of the product consists of stainless steel. 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.

LOCTITE PL PREMIUM POLYURETHANE CONSTRUCTION ADHESIVE

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Optional for installation of Stainless Steel Corner Guard (CGS/CGT/CGA). Contact manufacturer if additional information is required.

MOUNTING SCREWS

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Stainless steel. Used for installation. Contact manufacturer if additional information is required.

LOCK NUTS

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Nylon. Used for installation. Contact manufacturer if additional information is required.

Section 5: General Notes
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.