



Direct Service Done Right

RE: Sustainability Statement

Nystrom certifies and provides the following information for use in achieving LEED v4 credit for the specification of Nystrom Interior and Exterior Aluminum Expansion Joint Covers.

**Product** Interior and Exterior Aluminum Expansion Joint Covers  
**Model(s)** DA, DT, DTw, DTG, FA, FAw, FCT, FCTw, FLP, NBF, NBFw, NBR, NBRw, NBW, NBWw, PD, PDw, PTS, PTSw, PTX, PTXw, RJF, RJFw, RJS, RJSw, RJX, RJXw, SA, SFB, SFBw, SFC, SFCw, SFE, SFEw, SFG, SFGw, SFP, SFPw, SW, TSS, TSSw, WJ, and WJw

### 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.

HPD UNIQUE IDENTIFIER: 31814

CLASSIFICATION: 07 95 13 Expansion Joint Cover Assemblies

PRODUCT DESCRIPTION: An expansion joint system is designed to safely absorb movement resulting from expansion and contraction, vibration, ground settlement, and earthquakes. Interior Aluminum Expansion Joint Cover Assemblies minimize slipping and tripping hazard over the joint and provide acceptable continuation of the finish. Nystrom's interior expansion joint covers for floor and wall applications are available in a variety of sizes and finishes. This HPD covers models DA, DT, DTw, DTG, FA, FAw, FCT, FCTw, FLP, NBF, NBFw, NBR, NBRw, NBW, NBWw, PD, PDw, PTS, PTSw, PTX, PTXw, RJF, RJFw, RJS, RJSw, RJX, RJXw, SA, SFB, SFBw, SFC, SFCw, SFE, SFEw, SFG, SFGw, SFP, SFPw, SW, TSS, TSSw, WJ, and WJw.

## Section 1: Summary

## Nested Method / Material Threshold

### CONTENT INVENTORY

|  |  |   |   |
|--|--|---|---|
| <p><b>Inventory Reporting Format</b></p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input checked="" type="radio"/> Material</p> <p><input type="radio"/> Product</p> | <p><b>Threshold Level</b></p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p> | <p><b>Residuals/Impurities Evaluation</b></p> <p>Completed in 1 of 1 Materials</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> | <p><i>For all contents above the threshold, the manufacturer has:</i></p> <p><b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided weight and role.</i></p> <p><b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided screening results using HPDC-approved methods.</i></p> <p><b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided name and CAS RN or other identifier.</i></p> |
|--|--|---|---|

### 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.

**NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY**

**GREENSCREEN SCORE | HAZARD TYPE**

**EXTRUDED ALUMINUM** [ **ALUMINUM** BM-1 | END | MAM | PHY  
**SILICON, ELEMENTAL** LT-UNK | | PHY | EYE **MAGNESIUM** LT-UNK  
 PHY | | AQU | MAM | SKI | EYE **COPPER** LT-P1 | GEN | EYE | MAM | SKI |  
 AQU **IRON, ELEMENTAL** LT-P1 | END | **MANGANESE** LT-P1 | END |  
 MUL | REP | MAM | AQU **ZINC, ELEMENTAL** LT-P1 | END | MUL | PHY |  
 AQU **CHROMIUM** LT-P1 | END | SKI | GEN | REP | MAM **VANADIUM,**  
**ELEMENTAL** LT-1 | MUL | CAN | GEN | **TITANIUM** LT-UNK | | PHY ]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...  
 BM-1, LT-P1, LT-1

Nanomaterial ... No

### INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.3, 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.

### 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 v4.1 Option 1.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-07-22

PUBLISHED DATE: 2023-03-16

EXPIRY DATE: 2025-07-22

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

### EXTRUDED ALUMINUM

#: 100.0000 - 100.0000

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: 6061 Aluminum Alloy. Percent by weight of substances reported as range based on supplier preference.

### ALUMINUM

ID: 7429-90-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-02-09 20:49:53

#: 90.0000 - 97.0000

GreenScreen: BM-1

RC: Both

NANO: No

SUBSTANCE ROLE: Structure component

#### HAZARD TYPE

#### LIST NAME AND SOURCE

#### WARNINGS

|     |                                       |   |
|-----|---------------------------------------|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor   |
| MAM | GHS - Japan                           | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| PHY | GHS - New Zealand                     | Flammable solids category 1   |
| MAM | GHS - Japan                           | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| PHY | GHS - Japan                           | H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]             |
| PHY | GHS - Malaysia                        | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]  |
| PHY | GHS - Australia                       | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]  |
| PHY | GHS - New Zealand                     | Pyrophoric solids category 1  |

#### ADDITIONAL LISTINGS

#### LIST NAME AND SOURCE

#### NOTIFICATION

|                 |  |   |
|-----------------|--|---|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|                 |  | Biological and Environmentally Released Materials   |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|                 |  | Children's Products   |

SUBSTANCE NOTES: Recycled content for majority of product confirmed by supplier: 50% post industrial recycled scrap and 25% post consumer recycled scrap. GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool.

**SILICON, ELEMENTAL**

ID: 7440-21-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-22 12:57:01**

%: **0.0000 - 2.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE         | LIST NAME AND SOURCE     | WARNINGS   |
|---------------------|--------------------------|--|
|                     | EC - CEPA DSL            | Persistent   |
| PHY                 | Québec CSST - WHMIS 1988 | Class B4 - Flammable solids  |
| PHY                 | GHS - New Zealand        | Flammable solids category 2  |
| EYE                 | GHS - Japan              | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2B] |
| PHY                 | GHS - Japan              | H228 - Flammable solid [Flammable solids - Category 2]                                   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE     | NOTIFICATION   |
| None found          |                          | No listings found on Additional Hazard Lists   |

SUBSTANCE NOTES:

**MAGNESIUM**

ID: 7439-95-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-22 12:57:02**

%: **0.0000 - 1.5000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE                      | WARNINGS   |
|-------------|---|--|
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1] |
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]   |
|             | EC - CEPA DSL                             | Persistent   |
| PHY         | Québec CSST - WHMIS 1988                  | Class B4 - Flammable solids  |
| PHY         | Québec CSST - WHMIS 1988                  | Class B6 - Reactive flammable materials  |
| PHY         | GHS - New Zealand                         | Flammable solids category 2  |
| PHY         | GHS - New Zealand                         | Substances and mixtures which, in contact with water, emit flammable gases category 2  |
| PHY         | GHS - New Zealand                         | Substances and mixtures which, in contact with water, emit flammable gases category 3  |
| PHY         | GHS - Australia                           | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]   |
| AQU         | GHS - Japan                               | H413 - May cause long lasting harmful effects to aquatic life [Hazardous to the aquatic environment (chronic) - Category 4]  |
| MAM         | GHS - Japan                               | H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]   |
| PHY         | GHS - New Zealand                         | Self-heating substances and mixtures category 1  |
| PHY         | GHS - New Zealand                         | Self-heating substances and mixtures category 2  |
| PHY         | GHS - New Zealand                         | Substances and mixtures which, in contact with water, emit flammable gases category 1  |
| SKI         | GHS - Japan                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]   |
| PHY         | GHS - Australia                           | H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1] |
| EYE         | GHS - Japan                               | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A-2B]  |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|--|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES:

**COPPER**

ID: 7440-50-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-02-09 20:49:55**

%: **0.0000 - 1.5000**

GreenScreen: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS   |
|-------------|----------------------|--|
| GEN         | GHS - New Zealand    | Germ cell mutagenicity category 1  |
| EYE         | GHS - New Zealand    | Eye irritation category 2  |
| MAM         | GHS - Japan          | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| SKI         | GHS - New Zealand    | Skin sensitisation category 1  |
| MAM         | GHS - New Zealand    | Acute inhalation toxicity category 2   |
| MAM         | GHS - New Zealand    | Acute oral toxicity category 2   |
| AQU         | GHS - New Zealand    | Hazardous to the aquatic environment - acute category 1  |
| AQU         | GHS - New Zealand    | Hazardous to the aquatic environment - chronic category 2  |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION   |
|---------------------|--|--|
| RESTRICTED LIST     | Perkins+Will (P+W)                                       | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance   |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes of Problematic Chemicals<br><br>Antimicrobials  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |

SUBSTANCE NOTES:

## IRON, ELEMENTAL

ID: 7439-89-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-22 12:57:03**

#: **0.0400 - 1.0000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE                  | WARNINGS                      |
|-------------|---------------------------------------|-------------------------------|
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
|             | EC - CEPA DSL                         | Persistent                    |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|--|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES:

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-02-09 20:49:57**%: **0.0000 - 1.0000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS  |
|---------------------|--|---|
| END                 | TEDX - Potential Endocrine Disruptors                    | Potential Endocrine Disruptor   |
| MUL                 | German FEA - Substances Hazardous to Waters              | Class 2 - Hazard to Waters  |
| REP                 | GHS - Japan  | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]   |
| MAM                 | GHS - Japan  | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM                 | GHS - Australia  | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| MAM                 | GHS - Japan  | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| AQU                 | GHS - New Zealand  | Hazardous to the aquatic environment - chronic category 3   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials      |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                                    |

SUBSTANCE NOTES:

## ZINC, ELEMENTAL

ID: 7440-66-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-02-09 20:49:59**%: **0.0000 - 1.0000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS   |
|-------------|---|--|
| END         | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor  |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters   |
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1] |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]  |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]  |
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]   |
| PHY         | GHS - Australia                             | H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]   |
| PHY         | GHS - New Zealand                           | Pyrophoric solids category 1   |
| PHY         | GHS - New Zealand                           | Self-heating substances and mixtures category 1  |
| PHY         | GHS - New Zealand                           | Substances and mixtures which, in contact with water, emit flammable gases category 1  |
| PHY         | GHS - Australia                             | H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1] |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1  |
| AQU         | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]  |
| AQU         | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]  |
| AQU         | GHS - Australia                             | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]  |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 1  |



| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION   |
|---------------------|--|--|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes of Problematic Chemicals<br><br>Antimicrobials  |

SUBSTANCE NOTES:

## CHROMIUM

ID: 7440-47-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-02-09 20:50:01**

%: **0.0000 - 0.5000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE                  | WARNINGS  |
|-------------|---------------------------------------|---|
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor   |
| SKI         | MAK                                   | Sensitizing Substance Sh - Danger of skin sensitization   |
| GEN         | GHS - Japan                           | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]                                   |
| REP         | GHS - New Zealand                     | Reproductive toxicity category 2  |
| MAM         | GHS - Japan                           | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION   |
|---------------------|--|--|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                |

SUBSTANCE NOTES:

## VANADIUM, ELEMENTAL

ID: 7440-62-2

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-22 12:57:05**

%: **0.0000 - 0.5000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS   |
|---------------------|---|--|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                          |
| CAN                 | MAK   | Carcinogen Group 2 - Considered to be carcinogenic for man |
| GEN                 | MAK   | Germ Cell Mutagen 2  |
|                     | EC - CEPA DSL                               | Persistent   |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION   |
| None found          |   | No listings found on Additional Hazard Lists               |
| SUBSTANCE NOTES:    |   |  |

## TITANIUM

ID: 7440-32-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-22 12:57:06**

#: **0.0000 - 0.2000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS   |
|---------------------|----------------------|--|
|                     | EC - CEPA DSL        | Persistent   |
| PHY                 | GHS - Japan          | H225 - Highly flammable liquid and vapour [Flammable solids - Category 1]  |
| PHY                 | GHS - Japan          | [Pyrophoric solids - Category 1 or Not classified]   |
| PHY                 | GHS - Japan          | H252 - Self-heating; in large quantities; may catch fire [Self-heating substances and mixtures - Category 1 or Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION   |
| None found          |                      | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES:    |                      |  |

## 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: 2022-07-19

CERTIFIER OR LAB: None

APPLICABLE FACILITIES: Minneapolis, MN 55428

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.*

### MOUNTING SCREWS

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD available

ACCESSORY TYPE: Fastner

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

## Section 5: General Notes

**MANUFACTURER INFORMATION**

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

CONTACT NAME: **Amy Cathey**  
 TITLE: **Marketing Manager**  
 PHONE: **(800) 547-2635**  
 EMAIL: **marketing@nystrom.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**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

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

**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.*