

HPD UNIQUE IDENTIFIER: 25647

CLASSIFICATION: 08 71 00 Door Hardware

PRODUCT DESCRIPTION: Aluminum thresholds are used to seal the bottom of a doorway. they are typically used in conjunction with other products to create seals around doorways to keep out rain, snow, and air. Aluminum thresholds are made from extruded aluminum profiles and use steel fasteners for installation. This HPD includes a nested materials inventory for the following products from K.N Crowder Manufacturing: CT-64, CT-65, CT-65F, CT-66, CT-67, CT-68, CT-69, CT-610, CT-611, CT-612, CT-704, CT-705, CT-706, CT-707, CT-708, CT-709, CT-710, CT-9, CT-10, CT-10HD, CT-11, CT-12, CT-32, CT-33, CT-909, CT-910, CT-911, CT-912, CT-913, CT-914, CT-915, CT-916, CT-804, CT-805, CT-806, CT-807, CT-808, CT-809, CT-810, CT-811, CT-812, CT-813, CT-814, CT-8756, CT-108, CT-109, CT-100, CT-175, CT-101, CT-103, CT-104, CT-106, CT-23

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i> Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No % weight and role provided for all substances. Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No All substances screened using Priority Hazard Lists with results disclosed. Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> 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.
<input checked="" type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	Residuals/Impurities	
<input type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	Considered in 0 of 3 Materials	
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	Explanation(s) provided for Residuals/Impurities?	
<input checked="" type="radio"/> Material	<input type="radio"/> Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	
<input type="radio"/> Product			

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

ALUMINUM ALLOY [ALUMINUM BM-1 | END | RES | PHY
 MAGNESIUM LT-UNK | PHY IRON, ELEMENTAL LT-P1 | END SILICON,
 ELEMENTAL LT-UNK ZINC, ELEMENTAL LT-P1 | END | MUL | AQU |
 PHY CHROMIUM LT-P1 | END | SKI | RES MANGANESE LT-P1 | END |
 MUL | REP TITANIUM LT-UNK COPPER LT-P1 | AQU] STEEL [IRON,
 ELEMENTAL LT-P1 | END MANGANESE LT-P1 | END | MUL | REP
 CARBON LT-UNK CHROMIUM LT-P1 | END | SKI | RES TITANIUM LT-
 UNK SILICON, ELEMENTAL LT-UNK PHOSPHORUS BM-2 | MAM |
 PHY SULFUR, PRECIPITATED LT-UNK | SKI] STAINLESS STEEL [
 IRON, ELEMENTAL LT-P1 | END CHROMIUM LT-P1 | END | SKI | RES
 NICKEL LT-1 | CAN | RES | MAM | MUL | SKI COPPER LT-P1 | AQU
 SULFUR, PRECIPITATED (SULFUR) LT-UNK | SKI CARBON LT-UNK
 SILICON, ELEMENTAL LT-UNK PHOSPHORUS BM-2 | MAM | PHY
 MANGANESE LT-P1 | END | MUL | REP]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

No residuals or impurities were considered in the making of this HPD due to the lack of visibility into the manufacturing process.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

PREPARER: Self-Prepared

SCREENING DATE: 2021-07-21

Yes
 No

VERIFIER:
VERIFICATION #:

PUBLISHED DATE: 2021-08-10
EXPIRY DATE: 2024-07-21

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

ALUMINUM ALLOY

#: 97.3400 - 99.8700

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were not considered due to lack of visibility into manufacturing process

OTHER MATERIAL NOTES:

ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-10 5:10:07

#: 97.6500 - 98.5000

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
PHY	EU - GHS (H-Statements)	H228 - Flammable solid [Flammable solids - Category 1 or 2]
PHY	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases [Substances and mixtures which, in contact with water, emit flammable gases - Category 2 or 3]

SUBSTANCE NOTES:

MAGNESIUM

ID: 7439-95-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-10 5:10:10

#: 0.4500 - 0.9000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Alloy element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	EU - GHS (H-Statements)	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]

SUBSTANCE NOTES:

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-10 5:10:08

#: 0.3500 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SUBSTANCE NOTES:		

SILICON, ELEMENTAL ID: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-10 5:10:08

#: 0.2000 - 0.6000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

ZINC, ELEMENTAL ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-10 5:10:11

#: 0.1000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	EU - GHS (H-Statements)	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]
SUBSTANCE NOTES:		

CHROMIUM ID: 7440-47-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-10 5:10:10

#: 0.1000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-08-10 5:10:09**

%: **0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	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]

SUBSTANCE NOTES:

TITANIUM

ID: 7440-32-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-08-10 5:10:11**

%: **0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-08-10 5:10:09**

%: **0.1000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]

SUBSTANCE NOTES:

STEEL

%: **0.1300 - 2.6600**

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

MATERIAL TYPE: Metal

OTHER MATERIAL NOTES:

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:20:06**%: **98.6100 - 98.7400** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES:

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:20:04**%: **0.8000 - 0.8200** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES:

CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:20:03**%: **0.1900 - 0.2100** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:20:03**%: **0.1700 - 0.1900** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

TITANIUM

ID: 7440-32-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:20:06**%: **0.0510 - 0.0690** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

SILICON, ELEMENTAL

ID: 7440-21-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:20:05**%: **0.0400 - 0.0700** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

PHOSPHORUS

ID: 7723-14-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:20:04**%: **0.0090 - 0.0220** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
PHY	EU - GHS (H-Statements)	H228 - Flammable solid

SUBSTANCE NOTES:

SULFUR, PRECIPITATED

ID: 7704-34-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:20:05**%: **0.0030 - 0.0100** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation

SUBSTANCE NOTES:

STAINLESS STEEL%: **0.0000**MATERIAL THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **No** MATERIAL TYPE: **Metal**

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were not considered due to lack of visibility into manufacturing process

OTHER MATERIAL NOTES: This material is an alternate to Steel

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:52**%: **64.3800 - 72.9000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES:

CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:48**%: **17.0000 - 19.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced

SUBSTANCE NOTES:

NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:48**%: **8.0000 - 10.5000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans
RES	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES:

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:51**

%: **2.0000 - 3.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES:

SULFUR, PRECIPITATED (SULFUR)

ID: 7704-34-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:50**

%: **0.0300** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation

SUBSTANCE NOTES:

CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:49**

%: **0.0300 - 0.0500** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

SILICON, ELEMENTAL

ID: 7440-21-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:51**

%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

PHOSPHORUS

ID: 7723-14-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:50**

%: **0.0000 - 0.0450** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
PHY	EU - GHS (H-Statements)	H228 - Flammable solid

SUBSTANCE NOTES:

MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-21 12:19:49**

%: **0.0000 - 2.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]

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

CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: K.N. Crowder Manufacturing Inc. 1220 Burloak Drive Burlington, ON L7L 6B3 Canada

CERTIFICATE URL:

<https://sustainabilitydirectory.intertek.com/images/certificates/bba7da19-ebf9-4f4b-b680-f63d0703379b/CA-31223-2021a.pdf>

ISSUE DATE:

2020-09-29

EXPIRY DATE:

CERTIFIER OR LAB: Intertek Testing Services NA, Inc.

CERTIFICATION AND COMPLIANCE NOTES: Products were certified Clean Air Gold Applicable Products CT-10, CT-100, CT-101, CT-103, CT-104, CT-106, CT-108, CT-109, CT-10HD, CT-10SS, CT-11, CT-11SS, CT-12, CT-12SS, CT-16, CT-175, CT-20/2, CT-20/2A, CT-20/3, CT-20/3A, CT-20/4, CT-20/4A, CT-20/5, CT-20/5A, CT-21/2, CT-21/2A, CT-21/3, CT-21/3A, CT-21/4, CT-21/4A, CT-21/5, CT-21/5A, CT-22/138, CT-22/138A, CT-22/3, CT-22/34A, CT-22/3A, CT-22/4, CT-22/4A, CT-227, CT-23, CT-27, CT-32, CT-32SS, CT-33, CT-33SS, CT-34, CT-35, CT-36, CT-37, CT-39, CT-39N, CT-406, CT-407, CT-408, CT-409, CT-40N, CT-40S, CT-410, CT-410-2, CT-41-1, CT-42-1, CT-42N, CT-42S, CT-43-1, CT-43N, CT-43S, CT-44, CT-44-1, CT-45, CT-45-1, CT-46, CT-47, CT-47-1S, CT-47S, CT-48, CT-48S, CT-49, CT-49-1, CT-49S, CT-50, CT-50F, CT-50-SS, CT-50-SS COVER, CT-51, CT-51F, CT-52, CT-52B, CT-52F, CT-52S, CT-52-SS, CT-52-SS COVER, CT-52S-SS, CT-53, CT-53B, CT-53F, CT-53S, CT-54, CT-548, CT-548AF, CT-54N, CT-55, CT-610, CT-611, CT-612, CT-64, CT-64SS, CT-65, CT-658, CT-658LP, CT-65F, CT-65SS, CT-66, CT-66SS, CT-67, CT-68, CT-69, CT-70, CT-704, CT-705, CT-706, CT-707, CT-708, CT-709, CT-70N, CT-710, CT-72, CT-72N, CT-730, CT-74, CT-745, CT-75, CT-76, CT-80, CT-804, CT-805, CT-805SS, CT-806, CT-806SS, CT-807, CT-808, CT-808SS, CT-809, CT-81, CT-810, CT-811, CT-812, CT-813, CT-814, CT-83, CT-86, CT-87, CT-8756, CT-9, CT-909, CT-910, CT-911, CT-912, CT-913, CT-914, CT-915, CT-916, CT-9SS, FROST INSERT 1/2", FROST INSERT 1/4", W-1, W-10SP, W-13, W-13S, W-13S-2, W-13S-2-SS, W-13-SS, W-13S-SS, W-14, W-15, W-16N, W-16P, W-16S, W-17N, W-17S, W-18, W-19, W-1F, W-2, W-2050S, W-20N, W-20P, W-20S, W-22, W-22AL, W-23, W-24S, W-25, W-25S, W-26-1, W-26-2, W-26-3, W-27, W-28, W-29, W-2F, W-3, W-31, W-32N, W-32S, W-33S, W-34S, W-35-1, W-35-2, W-35-3, W-37-1, W-37-2, W-37-3, W-38S, W-40, W-40N, W-40P, W-42, W-44N, W-44S, W-46N, W-46S, W-47, W-47S, W-48, W-49, W-50S, W-52S, W-5S, W-61N, W-61N-CA, W-63, W-66, W-7, W-8, W-87P, W-88F, W-88N, W-88P, W-8P, W-8SL, W-8SP, W-8SP-C, W-8-SS, W-8-SS-C, W-9, W-9N, W-9P, W-9S, W-DCMB32, W-DCMB46

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 various products in this HPD are all extruded aluminum fastened with either steel or stainless steel screws. The only difference between the products is shape.

MANUFACTURER INFORMATION

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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

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

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.