GPX Framing - Unfinished by SAFTI FIRST

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 28599
CLASSIFICATION: 08 41 13.13 Fire-Rated Aluminum-Framed Entrances and Storefronts
PRODUCT DESCRIPTION: GPX Framing provides 45 to 120 minute fire resistant framing (as tested according to ASTM E119/NFPA 251/UL 263). Our aluminum clad framing system is available in multiple profiles, and is capable of floor-to-floor and wall-to-wall glazing. GPX Framing can be customized to meet up to Level 8 Ballistic per UL 752-2005, and can be customized to protect against hurricane, blast, bullets, and forced entry. Available in custom architectural make-ups, such as laminated glass and energy-saving insulated units with NFRC certifications when glazed with SuperLite II-XL. Available with a 5 year warranty, GPX Framing is manufactured in the USA, allowing for fast lead times and competitive pricing.

Section 1: Summary

Nested 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
- ( ) Other

Residuals/Impurities
Considered in 3 of 3 Materials

Explanation(s) provided for Residuals/Impurities?
- (•) Yes ( ) No

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

HOT ROLLED CARBON STEEL ALLOY [STEEL NoGS] HEAT BARRIER [CALCIUM SULFATE DIHYDRATE LT-UNK PULP, CELLULOSE NoGS KAOLIN LT-UNK | CAN CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK UNDISCLOSED LT-P1 UNDISCLOSED LT-UNK CALCIUM CARBONATE BM-3 UNDISCLOSED LT-UNK] ALUMINUM EXTRUSION [UNS A96063 ALUMINUM ALLOY NoGS]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.2, 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: CDPH Standard Method – Not tested

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1 and Option 2

Third Party Verified?
- ( ) Yes
- (•) No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2022-06-02
PUBLISHED DATE: 2022-06-02
EXPIRY DATE: 2025-06-02

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

HOT ROLLED CARBON STEEL ALLOY %: 70.0000 - 70.0000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are 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 other than those considered "alloying elements", as disclosed in the substance notes.

OTHER MATERIAL NOTES: Steel provides the structural and fire rated components of the framing.

STEEL ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:39**

%: **100.0000 - 100.0000** GS: **NoGS** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Supplier estimates the total recycled content to be between 34.9% (24.3% Post-Consumer, 9.4% Pre-Consumer) and 92.8% (74.3% Post-Consumer, 17.8% Pre-Consumer). In addition to the base metal, Iron [7439-89-6], documentation from supplier provides the following composition for alloying elements that may individually exceed the declared threshold: Max 1.6% Manganese [7439-96-5]; Max 0.6% Silicon [7440-21-3]; Max 0.5% Copper [7440-50-8]; Max 0.5% Chromium [7440-47-3]; Max 0.4% Nickel [7440-02-0]; Max 0.3% Carbon [7440-44-0]; Max 0.15% Phosphorus [7723-14-0]; Max 0.08% Aluminum [7429-90-5]; Max 0.08% Vanadium [7440-62-2]; Max 0.08% Titanium [7440-32-6]; Max 0.06% Columbium [7440-03-1]; Max 0.05% Molybdenum [7439-98-7]; Max 0.03% Sulfur [7704-34-9]; Max 0.02% Tin [7440-31-5]; Max 0.01% Nitrogen [7727-37-9].

HEAT BARRIER %: 20.0000 - 20.0000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were “Considered”, as outlined in Emerging Best Practices. 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: Heat barrier within the framing that stops fire and protects against radiant heat transfer.

CALCIUM SULFATE DIHYDRATE ID: 10101-41-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:40**

%: **95.0000 - 98.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Gypsum core.

PULP, CELLULOSE

ID: 65996-61-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:40**

%: **1.0000 - 3.0000** GS: **NoGS** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Paper facers. Recycled content as confirmed by supplier.

KAOLIN

ID: 1332-58-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:41**

%: **0.5000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:41**

%: **0.1000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:42**

%: **0.1000 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dispersant**

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

SUBSTANCE NOTES: Substance to remain proprietary to manufacturer. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:42**

%: **0.1000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Accelerator**

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

SUBSTANCE NOTES: Substance to remain proprietary to manufacturer. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:43**

%: **0.1000 - 0.5000** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). GreenScreen Benchmark® assessment score of BM-3 was provided by the HPD Builder Tool.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:43**

%: **0.0200 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dispersant**

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

SUBSTANCE NOTES: Substance to remain proprietary to manufacturer. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

ALUMINUM EXTRUSION

%: **10.0000 - 10.0000**

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are 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 other than those considered "alloying elements", as disclosed in the substance notes.

OTHER MATERIAL NOTES: Solid extruded aluminum provides the decorative cladding, to which a finish may be applied.

UNS A96063 ALUMINUM ALLOY

ID: Not registered

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-02 17:47:39**

%: **100.0000 - 100.0000** GS: **NoGS** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Supplier has confirmed that aluminum billets used for this product consist of approximately 64% scrap aluminum, including 52% pre-consumer press scrap and 12% post-consumer materials. In addition to the base metal, Aluminum [7429-90-5], documentation from supplier provides the following composition for alloying elements that may individually exceed the declared threshold: Max 2.5% Zinc [7440-66-6]; Max 2.1% Magnesium [7439-95-4]; Max 1.8% Silicon [7440-21-3]; Max 1.5% Manganese [7439-96-5]; Max 1.3% Copper [7440-50-8]; Max 1.1% Iron [7439-89-6]; Max 0.5% Chromium [7440-47-3]; Max 0.05% Lead [7439-92-1].

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 – Not tested**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Merced, CA 95341
CERTIFICATE URL:

ISSUE DATE: 2022-04-28

EXPIRY DATE:

CERTIFIER OR LAB: N/A

CERTIFICATION AND COMPLIANCE NOTES: Steel and Aluminum are considered inherently non-emitting sources of VOCs as per LEED (powder-coated metals, plated or anodized metal). The Heat Barrier used on the interior of the GPX Framing has been certified Greenguard Gold. Please contact manufacturer if more information is required.

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.

SUPERLITE II-XL HPD URL: **https://tinyurl.com/5n85deke**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
GPX Framing is commonly used with SuperLite II-XL and other SAFTIFIRST glass products, although other glass products may be used with GPX Framing.

Section 5: General Notes

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **SAFTI FIRST**
ADDRESS: **100 N Hill Drive**
Suite 12
Brisbane CA 94005, USA
WEBSITE: **https://safti.com/**

CONTACT NAME: **Diana San Diego**
TITLE: **VP of Marketing**
PHONE: **888-653-3333**
EMAIL: **DianaS@safti.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

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

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
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.)
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.