GPX Framing - unfinished
by SAFTI FIRST

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 08 41 13.03 Fire-rated aluminum framed entrances and storefronts

PRODUCT DESCRIPTION: 45 to 120 minute fire resistant framing (as tested according to ASTM E119 / NFPA 251 / UL 263). Aluminum clad framing system available in multiple profiles, capable of floor-to-floor and wall-to-wall glazing. 60 and 90 minute temperature rise GPX Doors available. Can be customized to meet up to Level 8 Ballistic per UL 752-2005. 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. Offered in standard and custom finishes including high performance fluoropolymer finishes by PPG, clear anodized, bronze anodized, black anodized, Decoral®, any species of wood veneer, ornamental metal, and more. 5 year warranty. USA manufactured 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
- ( ) Per OSHA MSDS
- ( ) Other

Residuals/Impurities

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

STEEL [STEEL NoGS] HEAT BARRIER [UNDISCLOSED LT-UNK UNDISCLOSED NoGS UNDISCLOSED LT-UNK | CAN] ALUMINUM [ALUMINUM NoGS]

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All substances have been characterized and screened but the identification for one material has not been disclosed for proprietary reasons.

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: N/A

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: 2019-06-04
PUBLISHED DATE: 2019-06-04
EXPIRY DATE: 2022-06-04

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

STEEL

%: 70.00 - 70.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities considered based on supplier SDS and process chemistry via Pharos CML and Quartz Project Database. This substance is considered essentially inert for the purposes of Pharos toxics scoring. The Quartz Project Database for a Hollow Steel Door(a different product but somewhat similar to GPX framing) indicates residuals and impurities that are not consistent with the Pharos CML for Steel.

OTHER MATERIAL NOTES:

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-06-04**

%: **100.00 - 100.00**

GS: **NoGS**

RC: **PreC**

NANO: **No**

ROLE: **Steel provides the structural and fire rated components of the framing.**

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

SUBSTANCE NOTES: Contains approximately 30% post industrial recycled content.

HEAT BARRIER

%: 20.00 - 20.00

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on supplier SDS. SDS may not identify all Residuals or Impurities present in this Material that would require reporting on the HPD.

OTHER MATERIAL NOTES: Percent ranges for substances are based on supplier SDS information.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-04**

%: **85.00 - 100.00** GS: **LT-UNK** RC: **PostC** NANO: **No** ROLE: **Heat barrier within the framing that stops fire and protects against radiant heat transfer.**

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

SUBSTANCE NOTES: Information provided herein is based on a CAS number, but the item name has been removed for proprietary reasons.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-04**

%: **0.00 - 5.00** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Part of the heat barrier within the framing that stops fire and protects against radiant heat transfer.**

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

SUBSTANCE NOTES: Information provided herein is based on a CAS number, but the item name has been removed for proprietary reasons.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-04**

%: **0.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Part of the heat barrier within the framing that stops fire and protects against radiant heat transfer.**

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

SUBSTANCE NOTES: Information provided herein is based on a CAS number, but the item name has been removed for proprietary reasons.

ALUMINUM

%: 10.00 - 10.00

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered based on supplier SDS. SDS may not identify all Residuals or Impurities present in this Material that would require reporting on the HPD. Based on the Quartz Project Database, common product aluminum curtainwall, without anodized coating, no Residuals or Impurities are expected to be present at or above Content Inventory Threshold that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS..

OTHER MATERIAL NOTES:

ALUMINUM

ID: 91728-14-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-06-04**

%: **100.00 - 100.00**

GS: **NoGS**

RC: **PreC**

NANO: **No**

ROLE: **Solid extruded aluminum (6063-T5) provides the decorative cladding, to which a finish may be applied.**

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

SUBSTANCE NOTES: Contains approximately 26% post industrial (pre-consumer) recycled content. This specific aluminum alloy is commonly identified as 6063-T5.

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 **N/A**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: All. This product has not been certified because it is an Inherently non-emitting source per LEED®.
CERTIFICATE URL:

ISSUE DATE: 2019-05-17

EXPIRY DATE:

CERTIFIER OR LAB: self

CERTIFICATION AND COMPLIANCE NOTES: This product has not been certified because it is an Inherently non- emitting source per LEED®.

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: **No HPD link provided**

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

Section 5: General Notes

This HPD covers GPX aluminum clad framing used with fire rating glazing. Hardware and other accessories are not covered by this HPD.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **SAFTI FIRST**
ADDRESS: **100 N Hill Drive**
Suite 12
Brisbane CA 94005, United States
WEBSITE: **http://safti.com/gpx-architectural-series/**

CONTACT NAME: **Diana San Diego**
TITLE: **VP of Marketing**
PHONE: **888-653-3333**
EMAIL: **DianaS@safti.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
PBT Persistent Bioaccumulative Toxic
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 (insuficient 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.