

CLASSIFICATION: 08 88 13 FIRE-RESISTANT GLAZING

PRODUCT DESCRIPTION: 20 TO 60 MINUTE FIRE RATING GLAZING; SUPERLITE I-XL IS A PATENTED BREAKTHROUGH, MONOLITHIC TECHNOLOGY THAT REDUCES THE TRANSFER OF RADIANT HEAT BY REFLECTING HEAT BACK TOWARDS THE FIRE SOURCE; PATENTED SPECIALTY TEMPERED GLAZING TESTED WITHOUT HOSE STREAM THAT PROVIDES PARTIAL RADIANT HEAT PROTECTION NOT AVAILABLE WITH CERAMICS; ACCEPTED BY THE GSA AND AHJ'S ACROSS THE COUNTRY AS AN ECONOMICAL AND VALUE ADDED ALTERNATIVE TO TRADITIONAL UNSAFE WIRED GLASS AND EXPENSIVE CERAMICS; MEETS THE HIGHEST HUMAN IMPACT SAFETY REQUIREMENTS; APPROVED FOR 20 MINUTE APPLICATIONS WITHOUT LIMITATIONS; RECEIVED A GENERAL APPROVAL FROM THE CITY AND COUNTY OF LOSE ANGELES (RR25655); REGULARY SPECIFIED FOR USE IN URBAN-WILDFIRE EXTERIOR APPLICATIONS AND FOR PROPERTY LINE REQUIREMENTS; LIFETIME WARRANTY; USA MANUFACTURED FOR FAST DELIVERY AND COMPETITIVE PRICING.

Section 1: Summary

CONTENT INVENTORY

Threshold per material

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals and impurities considered in 0 of 2 materials
 see Section 2: Material Notes
 see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

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.

Number of Greenscreen BM-4/BM3 contents..... 0
 Contents highest concern GreenScreen Benchmark or List translator Score..... UNK
 Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY GREENSCREEN SCORE | HAZARD TYPE

CLEAR TEMPERED GLASS [FLOAT GLASS - SUPERLITE I UNK] PROPRIETARY HEAT REFLECTIVE COATING

INVENTORY AND SCREENING NOTES:

Clear float glass has been identified as a Special Condition by the HPD Collaborative. All process chemistry for this clear tempered glass product occurs within the factory. While this product has not been specifically tested for residuals, it is expected that no residuals remain from these process chemistry reactions. The proprietary heat reflective coating is below the inventory threshold of 1000 ppm and as a result has not been screened but is listed for completeness in disclosure.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: October 31, 2016	EXPIRY DATE*: October 31, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: October 31, 2016	* or within 3 months of significant change in product contents

*See HPDC website for details



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

CLEAR TEMPERED GLASS %: 99.9900 - 100.0000 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

FLOAT GLASS - SUPERLITE I

ID:

%: 100.0000 - 100.0000

GS: UNK

RC: None

NANO: NO

ROLE: clear float glass, specially tempered to meet a 20/45/60 minute fire rating.

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Float glass has been identified by the HPDC Technical Committee as a Special Condition. Contains approximately 20% recycled content in the form of cullet. The float glass manufacturing process recycles virtually all the glass waste from the in-plant production melting and cutting processes. This broken glass, known as cullet, is reintroduced with the raw materials batch mix in the furnace as an aid to melting. It takes approximately half the amount of energy to produce glass from cullet as it does to produce glass from raw materials.

PROPRIETARY HEAT REFLECTIVE COATING

%: 0.0000 - 0.0009

HPD URL:

Inventory Threshold: Other

Residuals Considered: No

Material Notes: This proprietary heat reflective coating is below the inventory threshold of 1000 ppm and as a result has not been screened but is listed for completeness in disclosure.



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.



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.

GPX FRAMING - UNFINISHED

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: SuperLite I-XL glazing is typically used in conjunction with GPX Framing, though other framing systems can be used.



Section 5: General Notes

**MANUFACTURER INFORMATION**

MANUFACTURER: SAFTI FIRST

ADDRESS: 100 N Hill Drive
Suite 12
Brisbane, CA 94005
United StatesWEBSITE: <http://safti.com/product/superlite-xl/>

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 (insufficient 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)**UNK** 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)**Independent Lab** Manufacturer's self-declaration using results from an independent lab**Second Party** Verification by trade association or other interested party**Third Party** Verification by independent certifier**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.