Name: SuperLite X-90

Product ID: SuperLite X-90

Website: www.safti.com/prod_X-90.html

Manufacturer: SAFTI FIRST
Address: 100 N Hill Drive
          Suite 12
          Brisbane, CA 94005

Contact Name: Diana San Diego
Title: VP of Marketing
Phone: 888-653-3333
Email: dianas@safti.com

Description:
- 60 to 90 minute fire rated glazing.
- Most economical fire and safety rated glazing meeting all the standards for 90 minute temperature rise doors.
- Non-wired clear glazing providing the highest visual clarity.
- Impact safety rated to meet federal and code standards.
- Can be used for interior and exterior applications.
- Lifetime warranty.
- USA manufactured for fast delivery and competitive pricing.

Release Date: 2014-07-18
Expiry Date: 2017-07-18

SUMMARY DISCLOSURE
The content of this product was assessed for health hazard warnings as required using Pharos.

Residuals Disclosure
☐ Measured 100 ppm (ideal)
☐ Measured 1000 ppm
☐ Predicted by process chemistry
☐ As per MSDS (1,000 & 10,000 ppm)
☐ Not disclosed
☐ Other

Full Disclosure of Intentional Ingredients
☐ Yes  ☐ No

Full Disclosure of Known Hazards
☐ Yes  ☐ No

Disclosure Notes
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; as supported by the classification of clear glass as a generic commodity material with no known hazards (CAS RN 65997-17-3).

Contents in Descending Order of Quantity
GLASS / MINERAL FIBER

Hazards
☐ PBT (Persistent Bioaccumulative Toxic)
☐ Cancer
☐ Gene Mutation
☐ Development
☐ Reproductive
☐ Endocrine
☐ Respiratory

Highest concern GreenScreen score - List Translator Unspecified
☐ Neurotoxicity
☐ Mammal
☐ Skin or Eye
☐ Aquatic toxicity
☐ Land toxicity
☐ Physical hazard
☐ Global warming
☐ Ozone depletion
☐ Multiple
☐ Unknown

Total VOC Content
Material (g/L) N/A
Regulatory (g/L) N/A

Does the product contain exempt VOCs?
☐ Yes  ☐ No

Are there VOC-free tints available?
☐ Yes  ☐ No

Notes

Certifications + Compliance
VOC Emissions Not tested
VOC Content N/A
The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

**CONTENT IN DESCENDING ORDER OF QUANTITY**

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard A</td>
<td>Warning A</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Hazard B</td>
<td>Warning B</td>
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<tr>
<td>Hazard C</td>
<td>Warning C</td>
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</tr>
<tr>
<td>Hazard D</td>
<td>Warning D</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Hazard E</td>
<td>Warning E</td>
<td></td>
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</tr>
</tbody>
</table>

**Notes**

**GLASS / MINERAL FIBER**

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<th>Nano</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-17-3</td>
<td>100 %</td>
<td>LT-U</td>
<td>PI</td>
<td>N</td>
<td></td>
<td>Clear float glass, specially tempered or annealed to meet a 90 minute fire rating. Recommended to be listed as a generic commodity material (i.e. CAS RN 65997-17-3).</td>
</tr>
</tbody>
</table>

None found

No warnings found on HPD Priority lists

Contains approximately 20% post industrial recycled content. 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.

**CERTIFICATIONS AND COMPLIANCE**

Certifying Party = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard or Certification</th>
<th>Certifier or Laboratory</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC Emissions</td>
<td>Not tested</td>
<td></td>
</tr>
<tr>
<td>VOC Content</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>
ACCESSORY MATERIALS
This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

<table>
<thead>
<tr>
<th>Required or Recommended Product</th>
<th>URL for Companion Health Product Declaration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition when required or recommended and/or other notes</td>
<td></td>
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</table>

NOTES