Name: Acrylic

Product ID: Acrylic

Classification: Acrylic

Manufacturer: Forms+Surfaces
Address: 30 Pine Street
Pittsburgh, PA 15223

Contact Name: Sandra Closson
Title: Sustainability Manager
Phone: 412.282.5244
Email: sandra.closson@forms-surfaces.com

Description: Acrylic sheets are used for a variety of applications.

Release Date: 2015-04-13
Expiry Date: 2018-04-13

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
The HBN Pharos tool was used to predict potential residuals.

Contents in Descending Order of Quantity
Methyl methacrylate, copolymer with butyl acrylate, METHYL METHACRYLATE, BUTYL ACRYLATE, Cadmium sulfoselenide red, SULFURIC ACID (FUMING)

Hazards
- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory
- 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?
- N/A
- Yes
- No

Are there VOC-free tints available?
- N/A
- 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.

GS: GreenScreen Benchmark; RC: Recycled Content, PC: Post Consumer, PI: Post Industrial (Pre-consumer), BO: Both; Nano: comprised of nanoscale particles or nanotechnology

<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>
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<td>Warning C</td>
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<td>Warning D</td>
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Methyl methacrylate, copolymer with butyl acrylate

None found

No warnings found on HPD Priority lists

**METHYL METHACRYLATE**

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<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
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<th>Nano</th>
<th>Role</th>
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<tbody>
<tr>
<td>80-62-6</td>
<td>2 %</td>
<td>LT-U</td>
<td>N</td>
<td>N</td>
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<td>acrylic component</td>
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RESPIRATORY

AOEC: Asthmagen (ARs) - sensitizer-induced

SKIN IRRITATION

EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)

SKIN SENSITIZE

EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)

FLAMMABLE

EU H-Statements: H225 Highly flammable liquid and vapour.

**BUTYL ACRYLATE**

<table>
<thead>
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<th>Name</th>
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<td>141-32-2</td>
<td>0.8 %</td>
<td>LT-U</td>
<td>N</td>
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EYE IRRITATION

EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)

SKIN IRRITATION

EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)

SKIN SENSITIZE

EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)

Cadmium sulfoselenide red

<table>
<thead>
<tr>
<th>Name</th>
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<td>58339-34-7</td>
<td>0.2 %</td>
<td>LT-P1</td>
<td>N</td>
<td>N</td>
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</table>

MULTIPLE

VwVwS: Class 2 Hazard to Waters
SULFURIC ACID (FUMING) 8014-95-7 R LT-P1 Monomer, METHYL METHACRYLATE

CANCER
MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels

RESPIRATORY
AOEC: Asthmagen (ARr) - irritant-induced

SKIN IRRITATION
EU H-Statements: H314 Causes severe skin burns and eye damage

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>
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<tbody>
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<td>Certifying Party</td>
<td>Issue Date</td>
<td>Expiry Date</td>
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<td>Applicable Facilities</td>
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<tr>
<td>Notes</td>
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</table>

VOC Emissions Not tested

VOC Content N/A

Recycled Content Not tested

Other

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>
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<tr>
<td>Condition when required or recommended and/or other notes</td>
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