1. Chemical Product and Company Identification

ACRYLITE® FF Acrylic Sheet

Supplier:
A & C Plastics, Inc.
6135 Northdale
Houston, TX 77087-5095

Product Information Number 1-207-490-4242
24 Hour Emergency Number, CHEMTREC 1-800-424-9300

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Product Use: building glazing, light advertising, furniture, trade-fair booth design, displays, decoration, Industrial Use

2. Composition/Information on Ingredients

This material is classified as not hazardous under OSHA regulations.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS Reg. No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>acrylic copolymer</td>
<td>trade secret</td>
<td>100</td>
</tr>
</tbody>
</table>

NJTSR # 56705700001-6897 P

See Section 8, Exposure Controls/Personal Protection

3. Hazards Identification

Emergency Overview

<table>
<thead>
<tr>
<th>Color:</th>
<th>colorless or colored</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>solid in various forms</td>
</tr>
<tr>
<td>Odor:</td>
<td>odorless</td>
</tr>
</tbody>
</table>

Under normal conditions of use, this product is not expected to create any unusual industrial hazards.

Primary Routes of Exposure

Eye contact (if exposed to chips)

Potential Health Effects

Inhalation
No hazard expected in normal use.

Eye Contact
No hazard expected in normal use.
Material can cause the following:
- mechanical irritation
Skin Contact
   Material can cause the following:
   - cuts (when using cut sheets)

Ingestion
   No hazard expected in normal use.

Potential Environmental Effects
   See SECTION 12, Ecological Information

4. First Aid Measures
   First Aid Procedures

   Inhalation
   No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

   Eye Contact
   If mechanical irritation occurs flush eyes thoroughly with a large amount of water, consult a physician if irritation persists. (possible during machining processes)

   Skin Contact
   No specific treatment is necessary since this material is not likely to be hazardous.

   Ingestion
   Ingestion is not considered a potential route of exposure.

5. Fire-Fighting Measures

   Flash point
   > 250 °C ( ASTM D1929-68 )
   > 482 °F ( ASTM D1929-68 )

   Autoignition Temperature
   > 400 °C ( ASTM D1929-68 )
   > 752 °F ( ASTM D1929-68 )

   Lower explosion limit
   not applicable

   Upper explosion limit
   not applicable

   OSHA Flammability Classification
   none

   Other Flammable Properties
   Use water spray to cool containers exposed to fire.

   Extinguishing Media
   Use the following extinguishing media when fighting fires involving this material:
   water spray - foam - dry chemical - carbon dioxide

   Fire Fighting Procedures
   As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. Accidental Release Measures

Procedures
Collect material and place in a disposal container. Obey relevant local, state, provincial and federal laws and regulations.
See Material Safety Data Sheet section 8, Exposure Controls/Personal Protection.

7. Handling and Storage

Handling
During thermal processing and/or machining local exhaust ventilation at processing machines is necessary.

Storage
Storage: dry.

8. Exposure Controls/Personal Protection

Exposure Limit Information

ACRYLIC COPOLYMER
trade secret
No Occupational Exposure Values established (ACGIH, OSHA, Canada and Mexico).

Engineering Controls (Ventilation)
If use operations generate dust, use adequate ventilation.

Respiratory Protection
A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator’s use.

Eye Protection
goggles for machining operations

Hand Protection
protective gloves against mechanical risks

Other Protective Equipment
To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

9. Physical and Chemical Properties

Appearance       colorless or colored
Physical state   solid in various forms
Odor             odorless
Flash point      > 250 °C (ASTM D1929-68)
                 > 482 °F (ASTM D1929-68)
pH-value         not applicable
10. Stability and Reactivity

Stability
This product is stable under normal storage conditions.

Conditions To Avoid
This material is considered stable.

Incompatibility With Other Materials
Oxidizing agents. No known incompatibility with other materials.

Hazardous Decomposition Products
In case of thermal decomposition, combustible vapours are formed, which are irritating to eyes and respiratory system, mainly consisting of: methyl methacrylate

Hazardous Polymerization
Product will not undergo polymerization.

11. Toxicological Information

Further Information on Toxicology
The product has not been tested toxicologically. When handled and used as directed the product will not cause hazardous effects to health according to studies on similar products and practical experience.

12. Ecological Information

Information on Elimination (Persistence and Degradability)

Ecotoxicological Effect

Further Information on Ecology
The product has not been tested eco toxicologically.
On the basis of the products consistency as well as its low water solubility a bio availability is unlikely. Studies on products with similar composition confirm this assumption.
13. Disposal Considerations

Procedures
Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method. A & C Plastics encourages the recycle, recovery and reuse of materials, where permitted, as an alternate to disposal as a waste.

14. Transport Information

Further information
Not subject to the regulations on dangerous goods.

15. Regulatory Information

INVENTORY INFORMATION
EINECS (EU) listed or exempted
TSCA (USA) listed or exempted
DSL (CDN) listed or exempted

US FEDERAL REGULATORY INFORMATION
Component / CASRN | TPQ [lbs] | CERCLA RQ [lbs] (40CFR302.4) | SARA 302 List of EHS | SARA 313 (40CFR372) | TSCA 12b
--- | --- | --- | --- | --- | ---
NONE

COMPONENT CLASSIFICATION UNDER CLEAN AIR ACT SECTION 112
Component / CASRN Weight % HAP EHAP
NONE

PRODUCT CLASSIFICATION UNDER SECTION 311/312 OF SARA (40CFR370)
NONE

US STATE REGULATORY INFORMATION
Component / CASRN New Jersey RTK Pennsylvania RTK Massachusetts RTK California Proposition 65 Cancer California Proposition 65 Reproductive
acrylic polymer / trade secret NO NO NO NO NO

This product contains (a) chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.
CANADIAN REGULATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the MSDS contains all information required by the Controlled Products Regulations.

This is a non-controlled product.
WHMIS: NO

<table>
<thead>
<tr>
<th>Component / CASRN</th>
<th>NPRI</th>
</tr>
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<tbody>
<tr>
<td>NONE</td>
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16. Other Information

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
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</thead>
<tbody>
<tr>
<td>HMIS-Ratings</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>NFPA-Ratings</td>
<td>0</td>
<td>1</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS Hazard Ratings</th>
<th>NFPA Hazard Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 = severe</td>
<td>4 = extreme</td>
</tr>
<tr>
<td>3 = serious</td>
<td>3 = high</td>
</tr>
<tr>
<td>2 = moderate</td>
<td>2 = moderate</td>
</tr>
<tr>
<td>1 = slight</td>
<td>1 = slight</td>
</tr>
<tr>
<td>0 = minimal</td>
<td>0 = insignificant</td>
</tr>
<tr>
<td>N = no rating for powders</td>
<td>N = no rating for powders</td>
</tr>
<tr>
<td>* = chronic health hazard</td>
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</table>

This MSDS was prepared in accordance with ANSI Z400.1-1998.

Places marked by || have been amended from the last version.

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