

SDS - ACRYLITE CY FF Acrylic



1. Identification

Product identifier: ACRYLITE® - Sheets

Other means of identification None.

Recommended use: Not available.

Recommended restrictions: Not known.

Manufacturer/Importer/Distributor Information

Company Name : A&C Plastics, Inc.
6135 Northdale St.
Houston, TX 77087

Emergency telephone number:

24-Hour HealthEmergency : +1-800-255-3924 (24 h)

2. Hazard(s) identification

Hazard Classification
Not classified

Label Elements

Hazard Symbol: No symbol

Signal Word: No signal word.

Hazard Statement: Not applicable

**Precautionary
Statements**

**Hazard(s) not otherwise
classified (HNOC):** None.

3. Composition/information on ingredients

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SDS - ACRYLITE CY FF Acrylic



Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
acrylic copolymer	acrylic polymer		100%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General information:	No special precautions.
Inhalation:	No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
Skin Contact:	No specific treatment is necessary since this material is not likely to be hazardous.
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)
Ingestion:	Ingestion is not considered a potential route of exposure.
Personal Protection for First-aid Responders:	No data available.

Most important symptoms and effects, both acute and delayed

Symptoms:	No experiences of acute or chronic damages in humans have been made as yet.
Hazards:	No information about adverse effects due to exposure.

Indication of immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.
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5. Fire-fighting measures

General Fire Hazards:	Use water spray to cool containers exposed to fire.
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Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Water spray, fog, CO2, dry chemical, or regular foam.
Unsuitable extinguishing media:	High volume water jet

Special hazards arising from the substance or mixture:

In case of fire partly flammable, partly harmful vapours, which are irritating to the eyes and respiratory system, may be formed on thermal decomposition.

SDS - ACRYLITE CY FF Acrylic



Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for fire-fighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Wear protective gloves and eye protectors.
Accidental release measures:	Not relevant, due to the form of the product. Avoid release to the environment. For personal protection see section 8.
Methods and material for containment and cleaning up:	Collect material and place in a disposal container. Obey relevant local, state, provincial and federal laws and regulations.
Environmental Precautions:	Do not release into the environment. Collect and dispose of unused residues.

7. Handling and storage

Handling

Technical measures:	Install appropriate equipment and wear appropriate personal protective equipment (see "8. Exposure control/personal protection").
Local/Total ventilation:	If the product is thermally treated, provide for a vapour exhaust device.
Safe handling advice:	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. Avoid dust formation. During thermal processing and/or machining local exhaust ventilation at processing machines is necessary. Take action to prevent static discharges. In the event of fire, cool the endangered product with water.

Contact avoidance measures:	Wear personal protective equipment; see section 8.
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Storage

Safe storage conditions:	Storage: dry.
Safe packaging materials:	No data available.

8. Exposure controls/personal protection

Control Parameters

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SDS - ACRYLITE CY FF Acrylic



Occupational Exposure Limits

None of the components have assigned exposure limits.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls

If use operations generate dust, use adequate ventilation.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection:

goggles for machining operations

Skin Protection

Hand Protection:

Material: protective gloves against mechanical risks according to EN 388

Additional Information: For each work-place a suitable glove type has to be selected. Additional Information: Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin and Body Protection:

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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.

If used in accordance with the regulations: No particular protective equipment required. dust mask may be required for machining operations

Hygiene measures:

Follow the usual good standards of occupational hygiene. Clean skin thoroughly after work; apply skin cream.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:

Solid

Form:

Sheet

Color:

Various

Odor:

Odorless

Odor Threshold:

No data available.

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SDS - ACRYLITE CY FF Acrylic



Melting Point:	ca. 212 °F/ 100 °C Method: Softening Temperature
	ca. 210 °F/ 99 °C
Boiling Point:	Not applicable
Flammability:	Not classified as flammable but will burn.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	Not applicable
Explosive limit - lower:	Not applicable
Flash Point:	> 482 °F/250 °C Method: ASTM D 1929-68
	> 480 °F/249 °C Method: ASTM D 1929-68
Auto-ignition temperature:	No data available.
Decomposition Temperature:	This material is considered stable under specified conditions of storage, shipment and/or use. Depolymerization begins at 250 °C / 482 °F.
pH:	Not applicable
Viscosity	
Dynamic viscosity:	Not applicable
Kinematic viscosity:	Not applicable
Flow Time:	Not applicable
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	in e.g. esters, ketones and chlorinated hydrocarbons: readily soluble
Partition coefficient (n-octanol/water):	Not applicable
Vapor pressure:	Not applicable
Relative density:	No data available.
Density:	ca. 1.20 g/cm ³ (68 °F/20 °C)
Bulk density:	Not applicable
Vapor density (air=1):	Not applicable
Other information	
Self-ignition:	> 752 °F/400 °C
	> 750 °F/399 °C

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SDS - ACRYLITE CY FF Acrylic



Evaporation Rate:

Not applicable

10. Stability and reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	This material is considered stable under specified conditions of storage, shipment and/or use. Depolymerization begins at 250 °C / 482 °F.
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	High temperature
Incompatible Materials:	None reasonably foreseeable.
Hazardous Decomposition Products:	No hazardous decomposition products known.

11. Toxicological information

Information on likely routes of exposure

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.

Acute toxicity (list all possible routes of exposure)

Oral

Product:	No data available.
Components: acrylic copolymer	Not toxic after single exposure Not toxic after single exposure, Expert judgement, No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

Dermal

Product:	No data available.
Components: acrylic copolymer	Not toxic after single exposure, Not toxic after single exposure, Expert judgement, No indications of critical properties in analogy to similar

SDS - ACRYLITE CY FF Acrylic



products or on the basis of structure-activity relationships.

Inhalation

Product:

No data available.

Components:

acrylic copolymer

Not toxic after single exposure, Dust and mist, Not toxic after single exposure, Expert judgement, No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

Not toxic after single exposure, Vapour, Not applicable

Repeated dose toxicity

Product:

No data available.

Components:

acrylic copolymer

No data available.

Skin Corrosion/Irritation

Product:

No data available.

Components:

acrylic copolymer

Non-Irritating, Non-Irritating, No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

Serious Eye Damage/Eye Irritation

Product:

No data available.

Components:

acrylic copolymer

Non-Irritating, No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

Respiratory or Skin Sensitization

Product:

No data available.

Components:

acrylic copolymer

Not a skin sensitizer., No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.
Not classified for respiratory sensitization

Carcinogenicity

Product:

No data available.

Components:

acrylic copolymer

Not classified No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogens present or none present in regulated quantities

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogens present or none present in regulated quantities

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended:

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

In vitro

Product:

Not classified

Components:

acrylic copolymer

Not classified

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SDS - ACRYLITE CY FF Acrylic



In vivo

Product: Not classified

Components:
acrylic copolymer Not classified

Reproductive toxicity

Product: No data available.

Components:
acrylic copolymer Not classified No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:
acrylic copolymer Not classified, No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:
acrylic copolymer Not classified, No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

Aspiration Hazard

Product: No data available.

Components:
acrylic copolymer Not classified No indications of critical properties in analogy to similar products or on the basis of structure-activity relationships.

Information on health hazards

Other hazards

Product: No data available.

12. Ecological information

Ecotoxicity:

Toxicity to Aquatic Plants

Product: No data available.

Components:
acrylic copolymer No data available.

Toxicity to microorganisms

Product: No data available.

Components:
acrylic copolymer No data available.

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Components:
acrylic copolymer No data available.

SDS - ACRYLITE CY FF Acrylic



Aquatic Invertebrates

Product: No data available.

Components:
acrylic copolymer No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Components:
acrylic copolymer No data available.

Aquatic Invertebrates

Product: No data available.

Components:
acrylic copolymer No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

Components:
acrylic copolymer No data available.

BOD/COD Ratio

Product: No data available.

Components:
acrylic copolymer No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Components:
acrylic copolymer Significant bioaccumulation need not be expected. The product is a high- molecular-weight, water insoluble, solid polymer and therefore as good as not as all bioavailable. No remarkable bioaccumulation is to be expected account of the low bioavailability.

Partition Coefficient n-octanol / water (log Kow)

Product: Not applicable

Components:
acrylic copolymer No data available.

Mobility in soil:

Product: No data available.

Components:
acrylic copolymer No data available.

Results of PBT and vPvB assessment:

Product: No data available.

Components:
acrylic copolymer No data available.

SDS - ACRYLITE CY FF Acrylic



Other adverse effects:

Other hazards

Product:

No data available.

General information:

Dispose of waste and residues in accordance with local authority requirements.

Disposal methods:

Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method.

Contaminated Packaging:

Uncontaminated packaging may be taken for recycling.

14. Transport information

Domestic regulation

49 CFR

Not regulated as a dangerous good

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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SDS - ACRYLITE CY FF Acrylic



Hazard categories

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

SDS - ACRYLITE CY FF Acrylic



16. Other information, including date of preparation or last revision

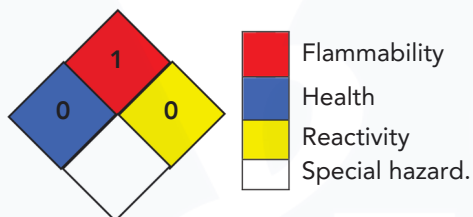
HMIS Hazard ID

Health		0
Flammability		1
Physical Hazards		0
PERSONAL PROTECTION	A	

A - Safety Glasses

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Version #: 3.0
Generation date: 10/20/2025
Date of first report version: 05/15/2019

Abbreviations and acronyms:

AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines

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SDS - ACRYLITE CY FF Acrylic



Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Source of information:

relevant manuals and publications
own examinations
own toxicological and ecotoxicological studies
toxicological and ecotoxicological studies of other manufacturers
SIAR
OECD-SIDS
RTK public files

Further Information:

none

Disclaimer:

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