

## SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

### 1. Identification

**Product identifier:** ACRYLITE® Reflections Mirror

**Other means of identification**

None.

**Recommended restrictions**

**Recommended use:** Fabrication of commercial and consumer mirror products

**Restrictions on use:** None known.

**Manufacturer/Importer/Distributor Information**

Company Name : Roehm America LLC  
299 Jefferson Road  
Parsippany, NJ 07054  
USA

Telephone : +1 800-225-0172

E-mail : product-regulatory-services@roehm.com

**Emergency telephone number:**

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)

Emergency : +1 703 527 3887 (CHEMTREC WORLD)

### 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

#### Mixtures

**Composition Comments:** No hazardous ingredients.

### 4. First-aid measures

#### Description of necessary 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. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

**Skin Contact:** In case of contact with skin wash off immediately with plenty of water

**Eye contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes or until all material has been removed. Obtain medical attention.

**Ingestion:** Ingestion is not considered a potential route of exposure.

**Personal Protection for First-aid Responders:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### Most important symptoms/effects, acute and delayed

**Symptoms:** mechanical irritation

**Hazards:** None known.

#### Indication of immediate medical attention and special treatment needed

**Treatment:** No

### 5. Fire-fighting measures

**General Fire Hazards:** Use water spray to cool containers exposed to fire.

#### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Water spray, foam, dry powder or carbon dioxide.

**Unsuitable extinguishing media:** High volume water jet

**Specific hazards arising from the chemical:** In case of fire partly flammable, partly harmful vapours, which are irritating to the eyes and respiratory system, may be formed on thermal decomposition. No information available.

### Special protective equipment and precautions for firefighters

**Special fire fighting procedures:** No data available.

**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:** Use personal protective equipment.

**Methods and material for containment and cleaning up:** Sweep up or vacuum up spillage and collect in suitable container for disposal.

**Environmental Precautions:** Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, rivers, groundwater or soil.

## 7. Handling and storage

### Handling

**Technical measures (e.g. Local and general ventilation):** In case of thermal processing, provide for extraction of the vapours or adequate ventilation.

**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:** No data available.

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

### Storage

**Safe storage conditions:** Store in cool, dry place.

**Safe packaging materials:** No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

**Appropriate Engineering Controls** In case of thermal processing, provide for extraction of the vapours or adequate ventilation.

#### Individual protection measures, such as personal protective equipment

**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.

**Skin and Body Protection:** No special protective equipment required.

**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

### Appearance

<b>Physical state:</b>	solid
<b>Form:</b>	Sheet
<b>Color:</b>	Silver, Opaque
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	Not applicable
<b>pH:</b>	Not applicable
<b>Melting Point:</b>	approx. 100 °C (Softening Temperature) approx. 210 °F
<b>Boiling Point:</b>	Not applicable
<b>Flash Point:</b>	> 250 °C (ASTM D 1929-68) > 480 °F (ASTM D 1929-68)
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not applicable
<b>Explosive limit - upper (%):</b>	Not applicable
<b>Explosive limit - lower (%):</b>	Not applicable
<b>Vapor pressure:</b>	Not applicable
<b>Vapor density (air=1):</b>	Not applicable
<b>Density:</b>	approx. 1.20 g/cm <sup>3</sup> (20 °C) (68 °F)

<b>Relative density:</b>	No data available.
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	Not applicable
<b>Self Ignition Temperature:</b>	> 400 °C > 750 °F
<b>Decomposition Temperature:</b>	This material is considered stable under specified conditions of storage, shipment and/or use. Depolymerization begins at 250 °C / 482 °F.
<b>Kinematic viscosity:</b>	Not applicable
<b>Dynamic viscosity:</b>	Not applicable (solid)
<b>Other information</b>	
<b>Bulk density:</b>	
<b>Explosive properties:</b>	Not to be expected in view of the structure
<b>Oxidizing properties:</b>	not oxidizing
<b>Minimum ignition temperature:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	see section "Possibility of hazardous reactions"
<b>Chemical Stability:</b>	This material is considered stable under specified conditions of storage, shipment and/or use. Depolymerization begins at 250 °C / 482 °F.
<b>Possibility of hazardous reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid:</b>	High temperature
<b>Incompatible Materials:</b>	None reasonably foreseeable.
<b>Hazardous Decomposition Products:</b>	Stable under normal conditions. Product will not undergo hazardous polymerization.

## 11. Toxicological information

<b>General information:</b>	No toxicological tests have been conducted with the product itself.
<b>Information on likely routes of exposure</b>	
<b>Inhalation:</b>	Relevant route of exposure. Information on effects are given below.
<b>Skin Contact:</b>	Relevant route of exposure. Information on effects are given below.
<b>Eye contact:</b>	Relevant route of exposure. Information on effects are given below.
<b>Ingestion:</b>	If handled correctly, not a relevant route of exposure. Information on effects are given below.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	
<b>Inhalation:</b>	No specific symptoms noted.

<b>Skin Contact:</b>	No specific symptoms noted.
<b>Eye contact:</b>	No specific symptoms noted.
<b>Ingestion:</b>	If handled correctly, not a relevant route of exposure. Information on effects are given below.

## Information on toxicological effects

### Acute toxicity (list all possible routes of exposure)

#### Oral

**Product:** Based on available data, the classification criteria are not met.  
Not classified for acute toxicity based on available data.

#### Dermal

**Product:** Based on available data, the classification criteria are not met.  
Not classified for acute toxicity based on available data.

#### Inhalation

**Product:** Based on available data, the classification criteria are not met.  
Not classified for acute toxicity based on available data.

### Repeated dose toxicity

**Product:** Oral No negative effects.  
Inhalativ No irreversible changes and no indication of silicosis.

### Skin Corrosion/Irritation

**Product:** Not classified

### Serious Eye Damage/Eye Irritation

**Product:** Not Classified

### Respiratory or Skin Sensitization

**Product:** Not Classified

### Carcinogenicity

**Product:** no evidence for hazardous properties No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

### 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 1910.1001-1050), as amended:

No carcinogens present or none present in regulated quantities

## Germ Cell Mutagenicity

**In vitro**  
**Product:** Not classified

**In vivo**  
**Product:** Not classified

## Reproductive toxicity

**Product:** no evidence of reproductiontoxic properties

## Specific Target Organ Toxicity - Single Exposure

**Product:** no evidence for hazardous properties

## Specific Target Organ Toxicity - Repeated Exposure

**Product:** no evidence for hazardous properties

## Aspiration Hazard

**Product:** Silicosis or other product specific illnesses of the respiratory tract were not observed in association with the product.

## Other effects:

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. The fine particles contained in the product may cause mechanical irritations of the skin, eyes and mucous membranes. Carefully avoid skin and eye contact and inhalation of product dust/aerosols.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

**Fish**  
**Product:** No data is available on the product itself.

**Aquatic Invertebrates**  
**Product:** No data is available on the product itself.

#### Chronic hazards to the aquatic environment:

**Fish**  
**Product:** No data is available on the product itself.

**Aquatic Invertebrates**  
**Product:** No data is available on the product itself.

**Toxicity to Aquatic Plants**  
**Product:** No data is available on the product itself.

### Persistence and Degradability

**Biodegradation**

**Product:** no specific test data available

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential****Bioconcentration Factor (BCF)**

**Product:** no specific test data available

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** Log Kow: Not applicable

**Mobility in soil:**

No data available.

**Other adverse effects:**

No ecotoxicological data is available for this product. Prevent substance from entering soil, natural bodies of water and sewer systems.

## 13. Disposal considerations

**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 1910.1001-1050), as amended**

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

#### **CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

#### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

##### **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. EPCRA (SARA Title III) Section 312 Extremely Hazardous Substances Reporting Quantities (40 CFR 355, Appendix A)**

Not regulated.

#### **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**



**WARNING:** This product can expose you to chemicals including, N-methylpyrrolidinone which is [are] known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

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

#### **US. Massachusetts RTK - Substance List**

No ingredient regulated by PA 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.

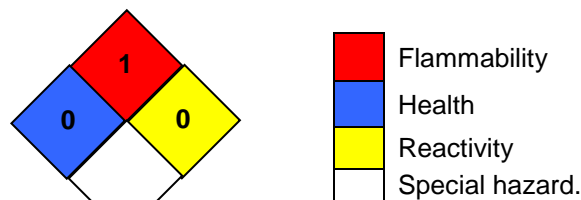
**16. Other information, including date of preparation or last revision**

**HMIS Hazard ID**

<b>Health</b>	0
<b>Flammability</b>	1
<b>Physical Hazards</b>	0
<b>PERSONAL PROTECTION</b>	

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

**Issue Date:** 03/09/2020

**Version #:** 1.0

**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

**Revision Information** Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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