



## MATERIAL SAFETY DATA

MSDS No: 10175  
Date: 06/01/2000  
Supersedes: 09/02/1998

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ACRYLITE® SG Sheet**

SYNONYMS: None

CHEMICAL FAMILY: Acrylic polymer

MOLECULAR FORMULA: Polymer Mixture

MOLECULAR WGT: Polymer

CYRO INDUSTRIES, 100 ENTERPRISE DRIVE, ROCKAWAY, NEW JERSEY 07866

EMERGENCY PHONE: For product emergency involving spill, leak, fire, exposure or accident call CHEMTREC: 1-800/424-9300. Outside the USA and Canada call 1-703/527-3887.

Product Inquiries: CYRO Industries Technical Center 1-203/795-6081

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA REGULATED COMPONENTS

COMPONENT	CAS. NO.	%	TWA/CEILING	REFERENCE
No Permissible Exposure Limits (PEL/TLV) have been established by OSHA or ACGIH.				

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

APPEARANCE AND ODOR: Polymer sheet, various colors, characteristic odor

STATEMENTS OF HAZARD:

NO WARNING STATEMENT

#### POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE:

Based on the physical form of this product, overexposure by the oral or inhalation route is unlikely. Acute dermal (rabbit) LD50 value is estimated to be greater than 2000 mg/kg.

### 4. FIRST AID MEASURES

Material is not expected to be harmful by ingestion. No specific first aid measures are required.

In case of skin contact, wash affected areas of skin with soap and water.

In case of eye contact, immediately irrigate with plenty of water for 15 minutes.

Material is not expected to be harmful if inhaled. If inhaled, remove to fresh air.

### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

FLASH POINT: Not applicable

FLAMMABLE LIMITS

(% BY VOL): Not applicable

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AUTOIGNITION TEMP: >750 F; 399 C

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DECOMPOSITION TEMP: >500 F; 260C

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### **EXTINGUISHING MEDIA AND FIRE FIGHTING INSTRUCTIONS**

Use water, carbon dioxide or dry chemical to extinguish fires. Wear self-contained, positive pressure breathing apparatus.

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## **6. ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up spills and place in a waste disposal container. Flush area with water.

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## **7. HANDLING AND STORAGE**

None

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT (PPE)

Engineering controls are not usually necessary if good hygiene practices are followed. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. Avoid unnecessary skin contact. Impervious gloves are recommended to prevent prolonged skin contact. For operations where eye or face contact can occur, eye protection is recommended.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: Polymer sheet, various colors, characteristic odor

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BOILING POINT: Not applicable

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MELTING POINT: Not applicable

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VAPOR PRESSURE: Not applicable

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SPECIFIC GRAVITY: 1.15-1.17

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VAPOR DENSITY: Not applicable

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% VOLATILE (BY WT): Negligible

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pH: Not applicable

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SATURATION IN AIR (% BY VOL): Not applicable

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EVAPORATION RATE: Not applicable

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SOLUBILITY IN WATER: Negligible

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VOLATILE ORGANIC CONTENT: Not applicable

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## **10. STABILITY AND REACTIVITY**

STABILITY: Stable

CONDITIONS TO AVOID: None known

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POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None known

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INCOMPATIBLE MATERIALS: Acids. Oxidizing agents Bases and amines.

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HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide; carbon dioxide MMA and/or other acrylate monomers

## 11. TOXICOLOGICAL INFORMATION

Toxicological information for the product is found under Section 3. HAZARDS IDENTIFICATION. Toxicological information on the OSHA regulated components of this product is as follows:

This product contains no OSHA regulated (hazardous) components.

## 12. ECOLOGICAL INFORMATION

No aquatic LC50, BOD, or COD data available.

OCTANOL/H<sub>2</sub>O PARTITION COEF.: Not applicable

## 13. DISPOSAL CONSIDERATIONS

The information on RCRA waste classification and disposal methodology provided below applies only to the CYRO product, as supplied. If the material has been altered or contaminated, or it has exceeded its recommended shelf life, the guidance may be inapplicable. Hazardous waste classification under federal regulations (40 CFR Part 261 et seq) is dependent upon whether a material is a RCRA "listed hazardous waste" or has any of the four RCRA "hazardous waste characteristics." Refer to 40 CFR Part 261.33 to determine if a given material to be disposed of is a RCRA "listed hazardous waste"; information contained in Section 15 of this MSDS is not intended to indicate if the product is a "listed hazardous waste." RCRA Hazardous Waste Characteristic. There are four characteristics defined in 40 CFR Section 261.21-61.24: Ignitability, Corrosivity, Reactivity, and Toxicity. To determine Ignitability, see Section 5 of this MSDS (flash point). For Corrosivity, see Sections 9 and 14 (pH and DOT corrosivity). For Reactivity, see Section 10 (incompatible materials). For Toxicity, see Section 2 (composition). Federal regulations are subject to change. State and local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed. CYRO encourages the recycle, recovery and reuse of materials, where permitted, as an alternate to disposal as a waste. CYRO recommends that organic materials classified as RCRA hazardous wastes be disposed of by thermal treatment or incineration at EPA approved facilities. CYRO has provided the foregoing for information only; the person generating the waste is responsible for determining the waste classification and disposal method.

## 14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

	<b>D.O.T. SHIPPING INFORMATION</b>	<b>IMO SHIPPING INFORMATION</b>
SHIPPING NAME:	NOT APPLICABLE/NOT REGULATED	NOT APPLICABLE/NOT REGULATED
HAZARD CLASS/ PACKING GROUP:	Not Applicable	Not Applicable
UN NUMBER:	Not Applicable	Not Applicable
IMDG PAGE:	Not Applicable	Not Applicable
D.O.T. HAZARDOUS SUBSTANCES:	(PRODUCT REPORTABLE QUANTITY) Not Applicable	Not Applicable
TRANSPORT LABEL REQUIRED:	None Required	None Required

	<b>ICAO/IATA</b>	<b>TRANSPORT CANADA</b>
SHIPPING NAME:	NOT APPLICABLE/NOT REGULATED	NOT APPLICABLE/NOT REGULATED
HAZARD CLASS:	Not Applicable	Not Applicable
SUBSIDIARY CLASS:	Not Applicable	Not Applicable
UN / ID NUMBER:	Not Applicable	Not Applicable
PACKING GROUP:	Not Applicable	Not Applicable
TRANSPORT LABEL REQUIRED:	None Required	None Required
PACKING INSTR:	PASSENGER Not Applicable CARGO Not Applicable	Not Applicable
MAX NET QTY:	PASSENGER Not Applicable CARGO Not Applicable	Not Applicable

**ADDITIONAL TRANSPORT INFORMATION**

TECHNICAL NAME (N.O.S.): Not Applicable

**15. REGULATORY INFORMATION**

**INVENTORY INFORMATION**

- US TSCA: All components of this product are included on the TSCA Inventory in compliance with the Toxic Substances Control Act, 15 U. S. C. 2601 et. seq.
- CANADA DSL: Components of this product have been reported to Environment Canada in accordance with subsection 25 of the Canadian Environmental Protection Act and are included on the Domestic Substances List.
- EEC EINECS: All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC and its amendments.

**OTHER ENVIRONMENTAL INFORMATION**

The following components of this product may be subject to reporting requirements pursuant to Section 313 of CERCLA (40 CFR 372), Section 12(b) of TSCA, or may be subject to release reporting requirements (40 CFR 307, 40 CFR 311, etc.) See Section 13 for information on waste classification and waste disposal of this product.

COMPONENT	CAS. NO.	%	TPQ(lbs)	RQ(lbs)	S313	TSCA 12B
This product does not contain any components regulated under these sections of the EPA						

PRODUCT CLASSIFICATION UNDER SECTION 311 OF SARA
Not Applicable under SARA TITLE III

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## 16. OTHER INFORMATION

### NFPA HAZARD RATING (National Fire Protection Association)

Fire	1	FIRE: Materials that must be preheated before ignition can occur.
Health	1	HEALTH: Materials that, under emergency conditions, can cause significant irritation.
Reactivity	0	REACTIVITY: Materials that in themselves are normally stable, even under fire exposure conditions.
Special	—	

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### REASON FOR ISSUE:

Revised Section 15

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Randy Deskin, Ph.D., DABT

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