

# Material Safety Data Sheet Information

ACRYLIC COLOR

## Section 1 - Chemical Product and Company Identification

### Basic Product Details

* Product Name:	ACRYLIC COLOR
* Synonyms: (Include product codes where applicable)	Acrylic
* Product Use:	Art Color

### Manufacturer/Supplier Details

* Name:	IRIS CORPORATION LIMITED		
* Phone:	0086 574 59552962	* Fax:	0086 574 59552959
* Emergency Phone:	0086 574 59552963	E-mail:	pantherli@cniris.com
* Address:	No.1 Building, NO 98 Chuangyuan Road, Hi-Tech Zone, Ningbo, 315040		

## Section 2 - Composition, Information on Ingredients

* Ingredient Name	CAS Number	* Proportion
Acrylic acid Polymers	9003-01-4	49.4%
Pigment		30%
2-Amino-2-methyl-1-propanol	124-68-5	0.3%
2-Methyl-4-Isothiazoline-3-one	2682-20-4	0.03%
Water	7732-18-5	17.27%
Propylene Glycol	57-55-6	3%

This board and mention. and in the board, add the used concentration in formula, write a maxima and minima concentration.

Present substance with a inferior concentration to the hazard limit :

2-amino-2-methylpropanol	CAS 124-68-5	classification : Xi; R36/38 - R52-53
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## Section 3 - Hazards Identification

## EMERGENCY OVERVIEW

Appearance: Paste shape.

**Caution!** May cause eye and skin irritation. May cause respiratory and digestive tract irritation. May cause sensitization by inhalation and by skin contact. The toxicological properties of this material have not been fully investigated.

**Target Organs:** No data found.

### Potential Health Effects

**Eye:** Not cause eye irritation.

**Skin:** Not cause skin irritation. Not cause allergic sensitization in certain individuals.

**Ingestion:** Not cause irritation of the digestive tract.

**Inhalation:** Not cause respiratory tract irritation. Not cause respiratory sensitization.

**Chronic:** No information found.

## Section 4 - First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

## Section 5 - Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.

**Flash Point:** Noncombustible

**Autoignition Temperature:** Not applicable.

**Explosion Limits, Lower:** LEL UEL Not established

**Upper:** Not available.

**Specific hazards during fire fighting:** Material can splatter above 100C/212F. Dried product can burn.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective suit.

## Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

## Section 7 - Handling and Storage

### Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

**Further information on storage conditions:** Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

### Storage

**Storage temperature:** 1 - 49 °C

**Other data:** Monomer vapors can be evolved when material is heated during processing operations.

## Section 8 - Exposure Controls, Personal Protection

**Engineering measures:** Use only in area provided with appropriate exhaust ventilation.

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Acrylic Color	none listed	none listed	none listed

**OSHA Vacated PELs:** EVENING PRIMROSE OIL: No OSHA Vacated PELs are listed for this chemical.

### Personal Protective Equipment

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

## Section 9 - Physical and Chemical Properties

**Physical State:** Paste

**Appearance:** Paste

**Odor:** No irritating odor

**pH** 8.0-9

**Boiling point/range** 沸点 100 °C water

**Melting point/range** 熔点 0 °C water

**Flash point** 燃点 Noncombustible

**Lower explosion limit** 是否是爆炸品 not applicable

<b>Upper explosion limit</b> 爆炸极限	not applicable
<b>Vapour pressure</b> 蒸汽压力	2,266.474 Pa at 20 °C water
<b>Relative vapour density</b> 蒸气密度	<1.0water
<b>Water solubility</b> 水溶性	dilutable
<b>Relative density</b> 相对密度	1.00 - 1.20
<b>Viscosity, dynamic</b> 粘度	50 - 400 mPa.s
<b>Evaporation rate</b> 蒸发速度	<1 water
<b>Percent volatility</b> 挥发百分比	49 - 51 % water

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials, strong oxidants.

**Incompatibilities with Other Materials:** Oxidizing agents.

**Hazardous Decomposition Products:** Nitrogen oxides, carbon monoxide, oxides of sulfur, carbon dioxide.

**Hazardous Polymerization:** Has not been reported.

## Section 11 - Toxicological Information

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

**Acute oral toxicity** LD50 rat > 5,000 mg/kg

**Acute dermal toxicity** LD50 rabbit > 5,000 mg/kg

**Skin irritation** rabbit May cause transient irritation.

**Eye irritation** rabbit No eye irritation

## Section 12 - Ecological Information

**Ecotoxicity:** No data available. No information available.

**Environmental:** No data available.

**Physical:** No data available.

**Other:** None.

## Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:** None listed.

**RCRA U-Series:** None listed.

## Section 14 - Transport Information

### **Classification for ROAD and Rail transport:**

Not regulated (Not dangerous for transport)

### **Classification for SEA transport (IMO-IMDG):**

Not regulated (Not dangerous for transport)

### **Classification for AIR transport (IATA/ICAO):**

Not regulated (Not dangerous for transport)

### **Hazchem Code**

None Allocated

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations

## Section 15 - Regulatory Information

Labelling in accordance with EC-Directives

The preparation is not classified according European regulation on hazardous substance: Directive 67/548/CE 31<sup>ème</sup> adaptation and on hazardous preparations: Directive 2006/8/CE

## Section 16 - Additional Information

**MSDS Creation Date:** 2022-12-20

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.