

# Safety Data Sheet

## Acrylic Polish & Sealant GHS SDS

Prepared to U.S., OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Directives.

### 1. PRODUCT IDENTIFICATION

**TRADE NAME (AS LABELED):** *Acrylic Polish & Sealant*  
**SYNONYMS:** Polymer Emulsion  
**CAS#:** Mixture  
**PRODUCT USE:** Polish/Sealant  
**CHEMICAL SHIPPING NAME/CLASS:** See Section 14 for Details  
**U.N. NUMBER:** See Section 14 for Details  
**MANUFACTURER'S NAME:** **L P Aero Plastics**  
**ADDRESS:** 1086 Boquet Road, Jeannette, PA 15644  
**BUSINESS PHONE:** 1-724-744-4448  
**EMERGENCY PHONE:** 1-724-744-4448  
**DATE OF CURRENT REVISION:** September 17, 2014  
**DATE OF LAST REVISION:** March 25, 2014

### 2. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:** This product is an opaque white liquid with a solvent odor.

**Health Hazards:** Prolonged or repeated exposure may cause irritation to skin. May cause irritation to eyes upon contact. Inhalation of vapors/sprays or mist may cause respiratory irritation, drowsiness or dizziness. Ingestion of large amounts of this product may cause gastrointestinal irritation.

**Flammability Hazards:** This product is a combustible liquid with a flash point of 152°F (66.6°C). Combustible liquids are defined as having a flash point between 100°F and 200°F.

**Reactivity Hazards:** None known.

**Environmental Hazards:** The Environmental effects of this product have not been investigated. Release of this product is not anticipated to have significant adverse effects in the aquatic environment.

#### US DOT SYMBOLS

See Section 14 for Details

#### CANADA (WHMIS) SYMBOLS



#### EUROPEAN and (GHS) HAZARD SYMBOLS

Signal Word: DANGER



#### EU LABELING AND CLASSIFICATION:

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

#### EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:

**Index Number:**

**EC# 231-791-2** This substance is not classified in the Annex I of Directive 67/548/EEC

**EC# 265-067-2** Annex I Index# 649-275-00-4

**EC# 265-149-8** Annex I Index# 649-422-00-2

**EC# 245-167-2** This substance is not classified in the Annex I of Directive 67/548/EEC

**Note:** EC# 265-067-2 and 265-149-8 are Severely Hydrotreated with less than 3 % DMSO extract as

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measured by IP 346 and as a result not considered a carcinogen.

Substances not listed either individually or in group entries must be self-classified.

### Component(s) Contributing to Classification(s):

Naphtha, Petroleum, Heavy Alkylate, Distillates (Petroleum) Hydrotreated Light.

### GHS Hazard Classification(s):

Flammable Liquid Category 4

Aspiration Toxicity Category 1

Skin Irritant Category 2

Eye Irritant Category 2

STOT SE Category 3

### Hazard Statement(s):

H227: Combustible liquid.

H304: May be fatal if swallowed and enters airway

H315: Causes skin irritation.

H320: Causes eye irritation.

H335: May cause respiratory irritation.

### Precautionary Statement(s):

P260: Do not breathe dust/fume/vapor/mist/spray

P264: Wash thoroughly after handling.

P281: Use personal protective equipment as required.

### **EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1999/45/EC:**

[F] Flammable, [Xi] Irritant

### Risk Phrases:

R10: Flammable.

R36/37: Irritating to eyes and respiratory system.

R67: Vapors may cause drowsiness or dizziness.

### Safety Phrases:

S16: Keep away from sources of ignition.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear suitable eye/face protection.

### **HEALTH HAZARDS OR RISKS FROM EXPOSURE:**

#### **SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:**

The most significant routes of overexposure for this product are by contact with skin or eyes, inhalation of vapors and ingestion. The symptoms of overexposure are described below.

#### **ACUTE:**

**INHALATION:** Inhalation of vapors/mist/spray may cause respiratory irritation.

**CONTACT WITH SKIN:** Prolonged and repeated contact may cause irritation to skin.

**EYE CONTACT:** Direct eye contact can cause irritation with redness, tearing and blurred vision.

**INGESTION:** Ingestion may cause gastrointestinal irritation, nausea and vomiting. Caution Aspiration Hazard if swallowed and enters airways or if vomiting occurs and enters lungs.

**CHRONIC:** Prolonged exposure can be irritating to skin.

**TARGET ORGANS:** **ACUTE:** Skin, Respiratory System, and Eyes.

**CHRONIC:** Skin.

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### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS#	EINECS #	Hazard Classification	Risk Phrases
Water	55 - 65%	7732-18-5	231-791-2	None	None
Naphtha, Petroleum, Heavy Alkylate	5 - 15%	64741-65-7	265-067-2	[F] Flammable, [Xn] Harmful	R10, R65
Distillates (Petroleum) Hydrotreated Light	1 - 10%	64742-47-8	265-149-8	[F] Flammable, [Xn] Harmful	R10, R65
Anhydrous Aluminum Silicate	1 - 10%	22708-90-3	245-167-2	[Xi] Irritant	R36/38
Aminofunctional Siloxane	1 - 5%	71750-80-6	Not Listed in ESIS	[Xi] Irritant	R36/38
Balance of other ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250:2000.

### 4. FIRST-AID MEASURES

- EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.
- SKIN CONTACT:** Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.
- INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
- INGESTION:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.
- MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**  
Individuals with pre-existing skin conditions may be more susceptible to adverse effects.
- RECOMMENDATIONS TO PHYSICIANS:** Treat symptoms and eliminate overexposure.

### 5. FIRE-FIGHTING MEASURES

- FLASH POINT:** Combustible liquid with flash point of 152°F (66.6°C).
- AUTOIGNITION TEMPERATURE:** Not Available
- FLAMMABLE LIMITS IN AIR BY VOLUME, %:** Lower N/A, Upper N/A
- FIRE EXTINGUISHING MATERIALS:** Use fire extinguishing methods below.
- Water Spray: Yes      Carbon Dioxide: Yes
- Foam: Yes      Dry Chemical: Yes
- Halon: Yes      Other: Any "C" Class
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** Although this product has a flash point below 200 Deg F, it is an aqueous solution containing Naphtha, Petroleum and Petroleum Distillates.
- Explosion Sensitivity to Mechanical Impact: No
- Explosion Sensitivity to Static Discharge: No
- SPECIAL FIRE-FIGHTING PROCEDURES:** Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and

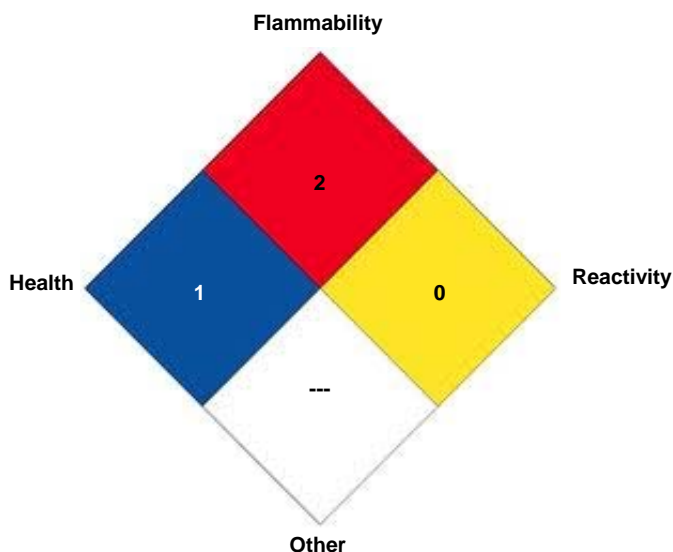
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full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### NFPA RATING SYSTEM



### HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			2
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe 5 = Chronic Hazard

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Stop the flow of material, if this can be done safely. Eliminate sources of ignition. Contain discharged material. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Place in a proper container for disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

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### 7. HANDLING AND STORAGE

#### WORK PRACTICES AND HYGIENE PRACTICES:

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Use good hygiene practices.

#### STORAGE AND HANDLING PRACTICES:

Store in original container. Keep container closed. Store in cool, dry, well ventilated area away from sources of ignition. Storage vessels should be grounded.

### 8. EXPOSURE CONTROLS – PERSONAL PROTECTION

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Water	7732-18-5	Not Listed	Not Listed
Naphtha, Petroleum, Heavy Alkylate	64741-65-7	Not Listed	Not Listed
Distillates (Petroleum) Hydrotreated Light	64742-47-8	Not Listed	Not Listed
Anhydrous Aluminum Silicate	22708-90-3	Not Listed	Not Listed
Aminofunctional Siloxane	71750-80-6	Not Listed	Not Listed

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart 1 (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

<b>RESPIRATORY PROTECTION:</b>	Not normally required when using this product. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.
<b>EYE PROTECTION:</b>	Safety glasses or goggles are recommended to avoid eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.
<b>HAND PROTECTION:</b>	Wear chemical resistant gloves to avoid skin contact when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards or relevant Japanese Standards.
<b>BODY PROTECTION:</b>	Use body protection appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

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### 9. PHYSICAL and CHEMICAL PROPERTIES

<b>APPEARANCE (Physical State) and COLOR:</b>	This product is an opaque white liquid with a solvent odor.
<b>ODOR:</b>	Mild
<b>ODOR THRESHOLD:</b>	Not Applicable
<b>pH:</b>	Not Available
<b>MELTING/FREEZING POINT:</b>	Not Available
<b>FLASH POINT:</b>	152°F (66.6°C)
<b>EVAPORATION RATE (n-BuAc=1):</b>	1.38
<b>FLAMMABILITY (SOLID, GAS):</b>	Not Applicable
<b>UPPER-LOWER FLAMMABLE OR EXPLOSION LIMITS:</b>	Not Applicable
<b>VAPOR PRESSURE (mm Hg @ 20°C (68°F)):</b>	> .50 mmHg
<b>VAPOR DENSITY:</b>	Not Available
<b>RELATIVE DENSITY:</b>	Not Available
<b>SPECIFIC GRAVITY:</b>	0.980 (70°F)
<b>SOLUBILITY IN WATER:</b>	Insoluble
<b>WEIGHT PER GALLON:</b>	Not Available
<b>PARTITION COEFFICIENT:</b>	Not Available
<b>AUTO-IGNITION TEMPERATURE:</b>	Not Applicable
<b>DECOMPOSITION TEMPERATURE:</b>	Not Available
<b>VISCOSITY:</b>	Not Available

### 10. STABILITY and REACTIVITY

<b>STABILITY:</b>	Stable under conditions of normal storage and use.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Thermal decomposition products include carbon dioxide and carbon monoxide.
<b>MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:</b>	Strong oxidizing materials.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	Will not occur.
<b>CONDITIONS TO AVOID:</b>	Incompatible materials and ignition sources.

### 11. TOXICOLOGICAL INFORMATION

<b>TOXICITY DATA:</b>	
Naphtha Petroleum CAS# 64741-65-7	
Acute oral toxicity (LD50): >2000 mg/kg [Rat].	
<b>SUSPECTED CANCER AGENT:</b>	Ingredients with this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.
<b>IRRITANCY OF PRODUCT:</b>	This product may be irritating to skin, eyes or respiratory system.
<b>SENSITIZATION TO THE PRODUCT:</b>	This product is not a skin and respiratory sensitizer.
<b>REPRODUCTIVE TOXICITY</b>	No information concerning the effects of this product and its

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### INFORMATION:

components on the human reproductive system.

## 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

**ENVIRONMENTAL STABILITY:** No specific data available on this product.

### CHEMICAL EFFECT ON PLANTS, ANIMALS AND AQUATIC LIFE:

This product may cause harm to plants, animals or aquatic life.

### WATER ENDANGERMENT

Water endangering in accordance with EU Guideline 91/155-EWG-Not

### CLASS:

Determined.

### SPECIFIC AVAILABLE COMPONENT

No additional data available at this time.

### INFORMATION:

## 13. DISPOSAL CONSIDERATIONS

**PREPARING WASTES FOR DISPOSAL:** Waste disposal must be in accordance with appropriate U.S. Federal, State and local regulations, those of Canada, Australia, EU Member States and Japan.

**EU WASTE CODE:** Not determined.

## 14. TRANSPORTATION INFORMATION

### US DOT, IATA, IMO, ADR:

### THIS PRODUCT IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

This product is classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

NOTE: Combustible liquids may be shipped as Limited Quantities if packaged as described in 49 CFR 173.150 (b) if the inner packaging is not over 5 L. The requirements of 49 CFR Subchapter C do not apply to any material classed as a combustible liquid in a non-bulk packaging (49 CFR 173.150 (f)(2)). Bulk packaging means packaging other than vessel or barge that has a maximum capacity greater than 450 L (119 gal) for liquid (49 CFR 171.8).

### BULK SHIPMENTS GREATER THAN 119 GALLONS:

**PROPER SHIPPING NAME:** Combustible liquid, n.o.s. (Contains Naphtha Petroleum)

**HAZARD CLASS NUMBER and DESCRIPTION:** Class 3 Combustible liquid

**UN IDENTIFICATION NUMBER:** NA1993

**PACKING GROUP:** PGIII

**DOT LABEL(S) REQUIRED:** Combustible liquid Class 3

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER:** 128

**RQ QUANTITY:** NA

**MARINE POLLUTANT:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

### INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):

This product is considered as dangerous goods.

### INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO):

This product is considered as dangerous goods.

### EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

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This product is considered by the United Nations Economic Commission for Europe to be dangerous goods.

### 15. REGULATORY INFORMATION

#### **UNITED STATES REGULATIONS:**

- U.S. SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None
- PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.
- U.S. CERCLA REPORTABLE QUANTITY (RQ):** None.
- U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing.
- OTHER U.S. FEDERAL REGULATIONS:** None.
- CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):**  
Ingredients within this product are not on the Proposition 65 Lists.

#### **CANADIAN REGULATIONS:**

- CANADIAN DSL/NDL INVENTORY STATUS:** The components of this product are on the DSL Inventory, or are exempted from listing.
- OTHER CANADIAN REGULATIONS:** Not applicable.
- CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:**  
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.
- CANADIAN WHMIS CLASSIFICATION and SYMBOLS:**  
This product is a Class B Division 3 Combustible Liquid, Class D2B, Materials causing other toxic effects per WHMIS Controlled Product Regulations.

#### **EUROPEAN ECONOMIC COMMUNITY INFORMATION:**

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

#### **AUSTRALIAN INFORMATION FOR PRODUCT:**

The components of this product are listed on the International Chemical Inventory list.

#### **JAPANESE INFORMATION FOR PRODUCT:**

- JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:**  
The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.
- JAPANESE ENCS INVENTORY:** The components of this product are on the ENCS Inventory as indicated in the section on International Chemical Inventories, below.

#### **POISONOUS AND DELETERIOUS SUBSTANCES CONTROL LAW:**

No component of this product is listed Specified Poisonous Substance under the Poisonous and Deleterious Substance Control Law.

#### **INTERNATIONAL CHEMICAL INVENTORIES:**

Listing of the components on individual country Chemical Inventories is as follows:

- Asia-Pac: Listed  
Australian Inventory of Chemical Substances (AICS): Listed  
Korean Existing Chemicals List Listed  
(ECL):



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Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

Swiss Giftliste List of Toxic Substances: Listed

U.S. TSCA: Listed

### 16. OTHER INFORMATION

**PREPARED BY:** Paul Eigbrett – **(GHS MSDS Compliance PLUS)**

**DATE OF PRINTING:** March 25, 2014

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. ChemRite CoPac, Inc. and L.P. Aero Plastics, Inc. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, ChemRite CoPac, Inc. and L.P. Aero Plastics, Inc. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.