

1. Identification

Product identifier: Aqua-Resin® L, Liquid Component *XF*

Other means of identification: Liquid Component

Recommended use: Admix for Aqua-Resin S3 Powder; Admix for Aqua-Resin Putty W Powder

Restrictions on use: None known

Supplier's details: Aqua-Resin, 16 Greene Street, New York, NY 10013. Telephone: 212.226.1208

Emergency telephone number: 212.226.1208

2. Hazards Identification

Classification: Not classified as hazardous under any GHS hazard class

CAUTION: Do not allow an Aqua-Resin® Liquid/Powder mix to harden on, or encase any part of the body. Doing so, because of the heat generated, the possible expansion of the material, and the difficulty of removal in a timely manner, may cause serious bodily injury, including the possibility of amputation of a body part.

3. Composition/information on ingredients

Mixture:

Chemical identity: Proprietary (Non-hazardous)

Chemical name: Acrylic Polymer

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Chemical identity: 7732-18-15

Chemical name: Water

Remaining components are non-hazardous or present in amounts below reportable limits.

4. First aid measures

Inhalation: Remove individual to fresh air.

Skin contact: Wash with soap and water.

Eye contact: Flush immediately with water. Consult physician in case of persistent irritation.

Ingestion: May be harmful if swallowed. Consult physician.

This material, when mixed with Aqua-Resin S3 Powder or Aqua-Resin Putty W Powder, may harden in the digestive tract and create a blockage. Drink large volumes of water or a gelatin solution to slow/prevent setting. Get immediate medical attention.

5. Firefighting measures

Suitable extinguishing media: N/A
Unsuitable extinguishing media: N/A
Specific hazards: N/A
Unusual fire and explosion hazard: Dried material can ignite from flame.
Special protective equipment and precaution for fire fighters: N/A
Please note: This is a water-based material and ignition is highly unlikely.

6. Accidental release measures

Personal precautions: Common sense precautions should apply.
Protective equipment:
Neoprene gloves recommended (other gloves may be suitable).
For extreme conditions use a NIOSH approved respirator fitted with an organic vapor cartridge. For extreme conditions splash goggles are recommended.
Environmental precautions: None known
Methods and materials for containment and cleaning up: Contain and absorb with inert material.

7. Handling and storage

Precautions for safe handling: Once Aqua-Resin® liquid components have been reacted with the appropriate Aqua-Resin® powder component, cured and hardened, if sanding is necessary, wet sanding should be employed to control dust. Keep out of reach of children.
Conditions for safe storage: Do not freeze, containers may rupture. Avoid temperatures over 120 degrees Fahrenheit.

8. Exposure controls/personal protection

Occupational exposure limits: None established
Appropriate engineering controls: Local exhaust. The need for additional controls is not anticipated.
Individual protection measures such as personal protective equipment:
Respiratory protection: None required. For extreme conditions use a NIOSH approved respirator fitted with an organic vapor cartridge.
Eye protection: Eyewash station, or clean water sources should be available if splashing conditions are anticipated.
Protective gloves: Neoprene gloves recommended (other gloves may be suitable).

9. Physical and chemical properties

Appearance: Liquid, milky white to pale yellow
Odor: Mild, agreeable
Odor Threshold: N/A
pH: 7-8.5
Melting point/Freezing point: 32°F
Initial boiling point and boiling range: 212°F
Flash point: N/A
Evaporation rate: Slower than n-butyl acetate
Flammability (solid, gas): N/A
Upper/lower flammability or explosive limits: N/A

Vapor pressure (mm Hg): 17.1mm Hg
Vapor density (Air=1): < 1
Relative density: 1.02 – 1.08
Solubility: N/A
Solubility in H₂O: Miscible as supplied
Partition coefficient: n-octanol/water: N/A
Auto-ignition temperature: N/A
Decomposition temperature: N/A

10. **Stability and reactivity**

Chemical stability: Stable
Possibility of hazardous reactions: None
Conditions to avoid: Excess heat/freezing
Incompatible materials: None
Hazardous decomposition products: Irritating and toxic fumes may result at extreme temperatures.

11. **Toxicological information**

Likely routes of exposure:

Acute Effects:

Inhalation: Inhalation of vapor mist can cause irritation of nose, throat and lungs accompanied by headache and nausea.

Ingestion: Unknown. Consult physician.

Skin contact: Repeated or prolonged skin contact may cause irritation and/or dermatitis.

Eye contact: Irritation.

Chronic effects: None known.

This product is in compliance with LHAMA and as such has been evaluated by an independent toxicologist and shown to have no chronic toxicity.

Numerical measures of toxicity (acute toxicity estimates): No data.

12. **Ecological Information**

Eco-toxicity (aquatic and terrestrial, where available): No information available

Persistence and degradability: No information available

Bio-accumulative potential: No information available

Mobility in soil: No information available

Other adverse effects: No information available

13. **Disposal considerations**

General: This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste disposal: Incineration or landfill recommended. Contact your state or local environmental agency for specific rules for both waste and containers.

14. **Transport information**

UN Number: N/A

UN Proper shipping name: Not regulated

Transport Hazard class(es): Not regulated
Packing group (if applicable): Not regulated
Marine Pollutant (Yes/No): Unknown
Special precautions: None known

15. Regulatory information

OSHA STATUS: No component is a hazardous ingredient per 29 CFR 1910.1200
USA TSCA STATUS: In compliance
CERCLA Reportable Quantity (RQ): Non reportable
SARA Title III: Not covered
Section 302 (EHS): Not listed
Section 311/312 (Acute): Not covered
Section 313: Not listed
RCRA: N/A
CANADIAN WHMIS: Not controlled

16. Other information

Precautionary Labeling:	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
Other	-	N/A

Rating Scale:

0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Extreme Hazard

Abbreviations and Acronyms:

HMIS: Hazardous Materials Identification System

NFPA: National Fire Protection Association

LHAMA: Labeling of Hazardous Art Materials Act

N/A: NOT APPLICABLE

N/E: NONE ESTABLISHED

The information in this SDS relates only to the specific materials designated, and to the specific Aqua-Resin® products identified in our instructions. It does not relate to use in combination with any other materials or processes. This information is provided in good faith, and as of the revision date of this document, is believed to be correct. However, Aqua-Resin® does not make any representation as to its accuracy or completeness. Users are advised to make their own determination as to the suitability of this product for their particular purpose. Accordingly, Aqua-Resin® disclaims responsibility for damages of any kind resulting from the use of this information.