

## 1. Identification

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

**Other means of identification:** Liquid Component, K2

**Recommended use:** Admix for Aqua-Resin S3 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

-

**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, 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 if 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 H<sub>2</sub>O:** 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:** Repeated or prolonged skin contact may cause irritation and/or dermatitis.

**Eye:** 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 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**

<b>Precautionary Labeling:</b>	<b>HMIS</b>	<b>NFPA</b>
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 for the use of this information.