

Product Identification: XLR-8™, XLR-a™, XLR-b™

Section I

Manufacturer's Name: Aqua-Resin®
New York, NY

Emergency Phone: 212.226.1208
Date: April 9, 2002
Supersedes all previous Material Safety Data Sheets

Section II

Components

Hazardous Ingredients / Identity Information

CAS #	OSHA PEL ppm	ACGIH TLV ppm
Water		
Proprietary Accelerator	NA	non-hazardous
Alum (Aluminum Sulfate)	10043-01-3	NA [TWA: 2mg/m ³ as Al]
Proprietary Surfactant	NA	NA non-hazardous

Section III

Physical/Chemical Characteristics

Boiling Point:	101 to 109 °C	Melting Point:	NA
pH	3.0 to 3.8	Evaporation Rate (BuAc=1):	<1
Vapor Pressure (mm Hg):	Not determined	Solubility in Water:	miscible
Vapor Density (Air=1):	Not determined	Appearance, color & odor:	Clear yellow liquid
Specific Gravity:	1.1 to 1.3		Pungent, agreeable odor

Section IV

Fire and Explosion Hazard Data

Flash Point (method used):	NA	Extinguishing Media:	NA
Flammable Limits:	NA	Special Fire Fighting Method:	NA
LEL:	NA	Unusual Fire/Explosion	
UEL:	NA	Hazard:	None

Section V

Reactivity Data

Stability:	Unstable:	Stable: X
Conditions to Avoid:	Temperatures above 1,400 degrees F	
Incompatibility to Avoid:	Strong alkalis	
Hazardous Decomposition or or Byproducts:	Above 1,400 degrees F, sulfur oxide gases which are toxic, corrosive, and oxidizers. <i>Long-term storage of this product premixed with Aqua-Resin® "L" may cause degradation of the "L" with the possible release of formaldehyde.</i>	
Hazardous Polymerization:	May Occur:	Will Not Occur: X
Conditions to Avoid:	NA	

Section VI

Routes of Entry

Health Hazard Data

Signs and Symptoms of Overexposure

Acute

May irritate respiratory tract.
Unlikely. May cause gastrointestinal irritation.
Ingestion of more than 8 fluid ounces may produce toxicity.

Chronic

None known

None known

Acute

May strongly irritate eyes.
Redness and irritation may occur.

Chronic

None known

None known



Carcinogenicity

NTP: None

IARC: None

OSHA: None

Medical Conditions Generally

Aggravated by Exposure: None Known

Emergency and First Aid

Inhalation:

Remove patient to fresh air.

Ingestion:

May be harmful if swallowed. Do not induce vomiting. Drink water or milk. Consult a physician.

Eyes:

Flush immediately with water. Consult physician if irritation persists.

Skin:

Wash affected areas with soap and water. Consult physician if irritation persists

Precautionary Labeling

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

Rating Scale: 0 = Minimal Hazard, 1 = Slight Hazard, 3 = Serious Hazard, 4 = Extreme Hazard

Section VII

Precautions for Safe Handling and Use

Steps to be Taken In Case
Material is Spilled
or Released:

Dilute spills with water. Then neutralize with alkali.

Waste Disposal Method:

Dispose in accordance with local, state and federal regulations.

Precautions to be Taken in

Storing and Handling:

Do not freeze. Avoid excess heat.

Other Precautions:

Keep out of reach of children.

Section VIII

Control Measures

Respiratory Protection:
Ventilation

None required. Use with adequate ventilation.

Local Exhaust:

None required

Special:

None

Mechanical (general):

None required

Other:

None

Protective gloves:

Rubber or vinyl.

Eye Protection:

None required under anticipated conditions of use. In cases where common sense would indicate that splashing conditions exist, chemical splash goggles are recommended.

Other Protective Equipment
or Clothing:

Eyewash station should be available.

Work/Hygiene Practices:

Do not eat or smoke while working with this product.

Section IX

Transportation Classification

US DOT Hazard Class:

Not Regulated

Note: NA- Not Applicable

The information in this MSDS 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 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.

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