

Product Identification: Aqua-Resin® L™, L™ Liquid Component, K, SF, G, EZG Liquid Component

Section I:

| | | | |
|----------------------|--------------|---|---------------|
| Manufacturer's Name: | Aqua-Resin® | Emergency Phone: | 212.226.1208 |
| | New York, NY | Date: | July 12, 2010 |
| | | Supersedes all previous Material Safety Data Sheets | |

Section II: Components

Composition Information or Ingredients

| CAS # | OSHA PEL ppm | ACGIH TLV ppm |
|-------|-----------------|------------------|
|-------|-----------------|------------------|

No Hazardous Ingredients

Section III:

Physical/Chemical Characteristics

| | | | |
|-------------------------|-------------|----------------------------|--|
| Boiling Point: | 212 F | Evaporation Rate (BuAc=1): | < 1 |
| pH | 6.0 - 8.0 | Solubility in Water: | Miscible as supplied. |
| Vapor Pressure (mm Hg): | 17.1 mm Hg | Appearance: | L - milky liquid white to blue/greenish tint. K - creamy pale yellow liquid |
| Vapor Density (Air=1): | < 1 | | SF, GEZG - milky pink. |
| Specific Gravity: | 1.02 - 1.08 | | |
| Melting Point: | 32 F | Odor: | mild, agreeable |

Section IV:

Fire and Explosion Hazard Data

| | | | |
|--------------------------------|---------------------------------------|-------------------------------|-----|
| Flash Point (method used): | N/A | Flammable Limits: | N/A |
| LEL: | N/A | UEL: | N/A |
| Extinguishing Media: | N/A | Special Fire Fighting Method: | N/A |
| Unusual Fire/Explosion Hazard: | Dried material can ignite from flame. | | |

Section V:

Reactivity Data

| | | |
|--|--|--------------------------|
| Stability: | Unstable: | Stable: X |
| Conditions to Avoid: | Excess heat. Freezing. | |
| Incompatibility to Avoid: | None | |
| Hazardous Decomposition or Byproducts: | Irritating and toxic fumes may result at extreme temperatures. Storing product above 120° F and/or acid conditions below pH of product as supplied, over time, may cause product degradation. Formaldehyde may be generated. <i>Avoid long term storage of this material premixed with Aqua-Resin® XLR-8™.</i> | |
| Hazardous Polymerization : Conditions to Avoid: | May Occur: | Will Not Occur: X |
| | N/A | |

Section VI:

Health Hazard Data

Routes of Entry

Signs and Symptoms of Overexposure

| | <u>Acute</u> | <u>Chronic</u> |
|-------------|--|----------------|
| Inhalation: | Inhalation of vapor or mist can cause irritation of nose, throat and lungs accompanied by headache and nausea. | None known |
| Ingestion: | Unknown. Consult physician. | None known |
| Eyes: | Irritation. | None known |
| Skin: | Repeated or prolonged skin contact may cause irritation and/or dermatitis. | None known |

Carcinogenicity

| | | |
|-------|------|------------------------------------|
| NTP: | None | Medical Conditions Generally |
| IARC: | None | Aggravated by Exposure: None Known |
| OSHA: | None | |



Emergency and First Aid

| | |
|-------------|---|
| Inhalation: | Remove individual to fresh air. |
| Ingestion: | May be harmful if swallowed. Consult physician |
| Eyes: | Flush immediately with water. Consult physician in case of persisting irritation. |
| Skin: | Wash affected areas with soap and water. |

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:

Steps to be Taken In Case

Material is Spilled or Released:

Waste Disposal Method:

Precautions to be Taken in

Storing and Handling:

Other Precautions:

Precautions for Safe Handling and Use

Contain and absorb with inert material. Insure adequate ventilation.

Dispose in accordance with local, state and federal regulations.

Do not freeze. Avoid excess heat.

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. 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.**

Section VIII:

Respiratory Protection:

Ventilation

Local Exhaust:

Mechanical (general):

Special or Other:

Protective gloves:

Eye Protection:

Other Protective Equipment

or Clothing:

Work/Hygiene Practices

Control Measures

None required. However, for extreme conditions use a NIOSH approved respirator fitted with an organic vapor cartridge.

None required, unless extreme conditions encountered.

None required, unless extreme conditions encountered.

N/A

Neoprene gloves recommended (other gloves may be suitable).

None required under anticipated conditions of use. For extreme conditions chemical splash goggles are recommended.

Eyewash station or running water should be available.

Common sense precautions only.

Section IX:

US DOT Hazard Class:

Transportation Classification

Not Regulated

Note: NA – Not Applicable

ND – Not Determined

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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