

## Section 1: Identification

**PRODUCT IDENTIFIER:** UV-1L UV Curing Resin

**CHEMICAL FAMILY:** Ultraviolet (UV) glue

**EMERGENCY PHONE:** CHEMTREC 800-424-9300 (US) Day or night  
Customer No. 16568

**MANUFACTURER:** PACE Technologies  
3601 E. 34<sup>th</sup> St., Tucson, AZ 85718  
Tucson, Arizona USA  
Phone: +1 520-882-6598  
FAX: +1 520-882-6598

## Section 2: Hazard(s) Identification

<b>GHS CLASIFICATION:</b>	Skin corrosion/irritation (Category 2) Eye irritation (Category 2) Skin sensitization (Category 1)
<b>PICTOGRAM(s):</b>	
<b>SIGNAL WORD:</b>	Warning
<b>HAZARD STATEMENTS:</b>	<b>Hazard Statement(s):</b> H315 - Causes Skin Irritation H317 - May cause an allergic skin reaction H319 - Causes Serious eye irritation
<b>PRECAUTIONARY STATEMENTS:</b>	<b>Precautionary Statement(s):</b>  <b>Preventions:</b> P261-Avoid breathing dust/fume/gas/mist/vapors/spray. P264- Wash skin thoroughly after handling. P272-Contaminated work clothing should not be allowed out of the workplace P280- Wear protective gloves/protective clothing/eye protection/face protection.  <b>Response:</b> P284- P403+P233-Store in a well-ventilated place. Keep container tightly closed. P301+312- IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell. P301+P330+P331- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

	<p>P302+352- IF ON SKIN: wash with plenty of soap and water.      P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.      P321- Specific treatment (Immediately flush eyes with plenty of water for 15 minutes while holding eyelids open. Rinse continuously with water while on way to get medical attention).      P322- Specific measures (Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15-minutes. Use soap if available or follow by washing with soap and water).      P333+P313-IF SKIN irritation or rash occurs: Get medical advice/attention.      P337+P313 - If eye irritation persists: Get medical advice/attention</p> <p>P363- Wash contaminated clothing before reuse.</p> <p><b>Storage:</b>      P405- Store locked up.</p> <p><b>Disposal:</b>      P501- Dispose of contents/container to Federal, State and Local Regulations.</p>
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### Section 3: Composition/Information on Ingredients

<u>COMPONENT(S)</u>	<u>CAS NO.</u>	<u>%</u>
<b>Polyurethane-acrylate prepolymer</b>	68987-79-1	20-30
<b>Epoxy acrylate prepolymer</b>	71281-65-7	30-40
<b>Acrylate monomer</b>	13402-02-3	10-20
<b>Acrylate monomer</b>	29324-02-3	10
<b>Photoinitiator A</b>	947-19-3	<1
<b>Photoinitiator B</b>	75980-60-8	1-3

### Section 4: First-Aid Measures

**SKIN CONTACT:** Immediately rinse with plenty of water for at least 15 minutes. Seek medical attention.

**SKIN CONTACT:** Wash immediately with soap and plenty of water, those with skin allergies should stop contact and seek medical help.

**INHALATION:** Move person to fresh air. If you still feel unwell, seek medical advice immediately.

**EYE CONTRACT:** Immediately rinse with plenty of water for at least 15 minutes. Seek medical attention.

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## Section 5: Fire-Fighting Measures

**FLAMMABILITY OF THE PRODUCT:** Flash Point 115°C (239 °F).

**SELF IGNITION TEMPERATURE:** N.A.

**EXTINGUISHING MEDIA:  
Suitable:** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**UNURUAL FIRE OR EXPLOSION:** Uncontrolled polymerization at high temperatures can lead to explosion or rupture of the bottle..

**SPECIAL EXPOSURE HAZARDS:** Do not enter fire area without proper protective equipment, including respiratory protection.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, nitrogen oxides, phosphorus oxides, sulfur oxides and irritating organic gases

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## Section 6: Accidental Release Measures

**PERSONAL PRECAUTIONS:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not get in eyes and avoid contact with skin. Keep container tightly closed.

**ENVIRONMENTAL PRECAUTIONS:** Use sand or other suitable inhibitor to prevent spread or entry into sewers, drains or rivers.

**METHODS for CLEANING UP:** Clean up or eradicate under normal circumstance.

## Section 7: Handling and Storage

- HANDLING:** Use in a well-ventilated area. Do not get into eyes. Prevent skin irritation. Not to be taken internally. Clean up after operation.
- STORAGE:** Store in cool, dry and dark conditions between 8-25°C (46-75°F). Keep container sealed and avoid water and moisture during storage.
- SHELF LIFE:** 6 months

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## Section 8: Exposure Controls/ Personal Protection

- PERSONAL PROTECTION:** Avoid all unnecessary exposure.
- RESPIRATORY:** Wear approved mask.
- HANDS:** Wear protective gloves.
- EYES:** Chemical goggles or safety glasses.
- OTHER:** Chemical goggles or safety glasses.

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## Section 9: Physical and Chemical Properties

<b>PHYSICAL FORM:</b> Transparent, viscous	<b>COLOR:</b> Colorless and transparent
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> 0.92-0.99	<b>ODOR:</b> Irritating odor before curing
<b>VAPOR PRESSURE at 25°C (75°F):</b> N.A.	<b>FLASH POINT:</b> 115°C (239 °F).
<b>RELATIVE VAPOR PRESSURE:</b> N/A	<b>SHORE D HARDNESS:</b> 78
<b>SOLUBILITY:</b> Insoluble in water, soluble in organic solvents	<b>VISCOSITY (mPa.s 25°C):</b> 200-300

## Section 10: Stability and Reactivity

**STABILITY:** Exposure to light and high temperatures affect stability.

**HAZARDOUS POLYMERIZATION:** Under normal conditions of storage and use, hazardous polymerization will not occur.

**CONDITIONS TO AVOID:** High Temperature.

**MATERIALS TO AVOID:** Strong oxidizing substances, strong acid, strong alkali

**HAZARDOUS DECOMPOSITION PRODUCTS:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. Decomposition products may include the following materials: carbon oxides, sulfur oxides, nitrogen oxides, phosphorus oxides and other organic gases.

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## Section 11: Toxicological Information

This product is a non-volatile, non-carcinogenic material	LD50>3000 mg/kg
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### Primary Irritant Effect

Skin:	Irritant to skin (mainly acrylates)
Eye:	Irritating effect.
Sensitization:	Sensitization possible through skin contact.
Additional toxicological information:	This product has low toxicity

## Section 12: Ecological Information

**ENVIRONMENTAL EFFECTS:** Avoid direct discharge before curing; after curing, it is a typical polymer, which has no direct harm to the environment.

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## Section 13: Disposal Considerations

**WATSE DISPOSAL:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Collect all waste in suitable and labeled containers and dispose according to local and federal legislation.

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## Section 14: Transportation Information

CFR_GROUND	Not regulated
IATA_C	Not regulated

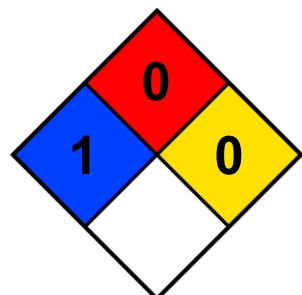
## Section 15: Regulatory Information

*Chemical safety assessment: A Chemical Safety Assessment has not been carried out.*

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## Section 16: Other Information

### 16.1 NFPA 704



**Top, Flammability: 0 – Minima Hazard**

**Left, Health Hazard: 1 – Slight Hazard**

**Right, Reactivity: 0 – Minimal Hazard**

**Bottom, Special Notice: N/A**

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