

## UAT

### Universal Acrylic Thinners

#### DESCRIPTION

UAT is a high purity solvent blend designed for use with Electrolube acrylic based conformal coatings. Electrolube coatings suitable for use with UAT are:

HPA – High Performance Acrylic  
APL – Acrylic Protective Lacquer  
TRV – Tropicalised Varnish

The primary use of UAT is to dilute coatings for use in dip and spray coating applications. This product has been formulated for professional use only.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

#### APPROVALS

Standard	Status
RoHS Compliant (2015/863/EU)	Yes

#### PRODUCT INFORMATION

For available packaging sizes please visit:

[electrolube.com](http://electrolube.com)

### PHYSICAL PROPERTIES

Category	Results
<b>Liquid Properties</b>	
Appearance	Clear, Colorless Liquid
Density @ 20 °C (g/mL)	0.85
VOC Content	100%
Flash Point (°C)	<0

### TYPICAL PRODUCT APPLICATION

#### Spray Coating

When solvent based coatings are sprayed, high pressure at the nozzle forces the solvent within the coating to evaporate quickly. Therefore, to avoid cob-webbing (i.e., the coating drying immediately as it leaves the spray gun), extra solvent must be added.

UAT should be used at a ratio of approximately 2:1 (Coating: Thinners) depending upon the application.

The thinned solution should be stirred thoroughly and allowed to stand. All air bubbles must be allowed time to disperse before attempting to spray. Thinners should be added gradually until the desired spray pattern and coating weight is achieved.

#### Dip Coating

UAT may be used to maintain the viscosity of Electrolube's conformal coatings in open tanks used in dip coating processes. Over time, the solvent within the coatings evaporates. This increases the viscosity and produces a thicker coating. This solvent loss must be replaced to maintain the correct viscosity and provide an economical coating thickness.

The amount of UAT to be added depends on the total volume of the tank, ambient temperature and rate of use. UAT should be added slowly, allowing the viscosity of the coating to alter prior to adding additional thinners.

UAT is a flammable solvent blend and should be used in a well-ventilated area. All sources of ignition must be avoided. Please refer to the separate Health & Safety Data Sheet for further details.

### ADDITIONAL INFORMATION

#### Equipment Cleaning

UAT thinners may also be used to clean metal equipment found in the application process to include spray guns and other equipment involved.

**Shelf Life:** 72 Months

### SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available.**

### CONTACT INFORMATION

To confirm this document is the most recent version, please contact  
**TechnicalSupportTeam@hkw.co.uk**  
[www.electrolube.com](http://www.electrolube.com)

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE . Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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