ELECTROLUBE
THE SOLUTIONS PEOPLE

UAT
Universal Acrylic Thinners

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.

Approvals	**RoHS Compliant (2015/863/EU):**	**Yes**
Liquid Properties	Appearance	Clear, Colourless liquid
	Flash Point (°C)	<0
	Density @ 20°C (g/ml)	0.85
	VOC Content	100%

Description	Packaging	Order Code	Shelf Life
Universal Acrylic Thinners	5 Litres Bulk	UAT05L	72 Months

Directions for Use

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.

Ashby Park, Coalfield Way,
Ashby de la Zouch,
Leicestershire LE65 1JR
T +44 (0)1530 419 600
F +44 (0)1530 416 640
BS EN ISO 9001:2008
Certificate No. FM 32082

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.

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.

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