



# Technical Data Sheet

<b>PRODUCT DESCRIPTION:</b>	<b>Universal Acrylic Thinners</b>	<b>DATE:</b>	<b>03/97</b>
<b>PRODUCT CODE:</b>	<b>UAT</b>	<b>PAGES:</b>	<b>1</b>

## PRODUCT DESCRIPTION

UAT is a high purity solvent blend designed for use with all acrylic based conformal coatings. Electrolube coatings suitable for use with UAT are HPA and APL.

The main uses of the thinners is to dilute the coatings for use in dip and spray coating.

### Spray Coating

When solvent based coatings are sprayed, the higher pressure at the nozzle forces the solvent within the coating to evaporate very 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 levels of between 1:1 and 1:3 (Coating:Thinners) depending upon the application.

The thinned solution should be well stirred and allowed to stand for 2 minutes before attempting to spray. Thinners should be added gradually until a spray pattern is achieved without "cob-webbing" and the coating weight required is reached.

### Dip Coating

UAT may be used to maintain the viscosity of acrylic conformal coatings in open tanks used in dip coating processes. Over time the solvent within the coatings evaporates, increasing the viscosity of the coating, and giving a thicker coating. This solvent loss must be replaced to maintain the correct viscosity to give an economical coating thickness.

In most systems it is sufficient to measure the viscosity of the coating once per week. UAT may then be added to reduce the viscosity to the correct level. The amount 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 further thinners.

UAT is a flammable solvent blend and should be used in a well ventilated area and all sources of ignition must be avoided.

Please refer to the separate Health & Safety Data Sheet for further details.

## PACKAGING

5 Litres

## ORDER CODE

UAT05L

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