ELECTROLUBE
THE SOLUTIONS PEOPLE

DCT
Conformal Coating Thinners

DCT is a high purity solvent blend designed for reducing the viscosity of a number of Electrolube Conformal Coatings, including:

DCA	Modified Alkyd Conformal Coating (SCC3 Clear)
DCB	Modified Alkyd Conformal Coating (Black)
DCR	Modified Alkyd Conformal Coating (Red)
DCRT	Modified Alkyd Conformal Coating (High Build)
FSC	Flexible Alkyd Coating
FSCP	Flexible Alkyd Coating Plus
CPL	Clear Protective Lacquer

The primary use of DCT is to dilute and maintain the viscosity of coatings for use in dip and spray coating applications.

Approvals	**RoHS Compliant (2015/863/EU):**	**Yes**
	NATO Stock Numbers:	**8010993017321 (DCT01L)**
Liquid Properties	Appearance	Colourless
	Density @ 20°C (g/ml):	0.87
	Flash Point:	27°C
	VOC Content:	100%

Description	**Packaging**	**Order Code**	**Shelf Life**
Conformal Coating Thinners	1 Litre Bulk	DCT01L	36 Months
	5 Litres Bulk	DCT05L	36 Months

Directions for Use

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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Certificate No. FM 32082

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.

DCT 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

DCT must be used to maintain the viscosity of coatings in open tanks used in dip coating processes. Over time, the solvent within the coating evaporates. This increases the viscosity and produces a thicker coating. This solvent loss must be replaced to maintain the correct viscosity and provide a consistent coating thickness.

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

DCT 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

DCT 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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