

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 Silicone Conformal Coating (SCC3 Clear)
DCB	Modified Silicone Conformal Coating (Black)
DCR	Modified Silicone Conformal Coating (Red)
DCRT	Modified Silicone Conformal Coating (High Build)
FSC	Flexible Silicone Coating
FSCP	Flexible Silicone Coating Plus
TFA	Toluene Free Acrylic Coating
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-2 Compliant (2011/65/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%

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
<u>Conformal Coating Thinners</u>	1 Litre Bulk 5 Litres Bulk	DCT01L DCT05L	36 Months 36 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.

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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