



Technical Data Sheet

DCT Non-Acrylic Conformal Coating Thinners

Product Description

DCT is a high purity solvent blend designed for use with all Electrolube non-acrylic based conformal coatings. Electrolube coatings suitable for use with DCT are:

DCA	- Modified Silicone Conformal Coating (SCC3 Clear)
DCB	- Modified Silicone Conformal Coating (SCC3 Black)
DCR	- Modified Silicone Conformal Coating (SCC3 Red)
SRC	- Silicone Removable Coating
CPL	- Clear Protective Lacquer
NSC	- Nickel Screening Compound

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

Approvals:	RoHS Compliant (2002/95/EC):	Yes
	NATO Stock Numbers:	8010993017320 (DCT01L)
Liquid Properties:	Appearance	Colourless
	Flash Point:	27°C
	Specific Gravity (Density) @ 20°C	0.87 g/ml
	VOC Content:	100%

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 may be used to maintain the viscosity of Electrolube 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.

In most systems, it is sufficient to measure the viscosity of the coating once per week. DCT 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. 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 coating process to include spray guns, dip coating machinery to name but a few.

Packaging

Order Code

Shelf Life

1 Litre Bulk
5 Litres Bulk

DCT01L
DCT05L

36 Months
36 Months

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