



Technical Data Sheet

PRODUCT DESCRIPTION:	Non-Acrylic Conformal Coating Thinners	DATE:	09/97
PRODUCT CODE:	DCT	PAGES:	1

PRODUCT DESCRIPTION

DCT is a high purity solvent blend designed for use with all non-acrylic based conformal coatings. **Electrolube** coatings suitable for use with **DCT** are **SCC3** (DCA, DCB and DCR), **Nickel Screening Compound (NSC)**, **PAJ Conformal Coating (PAJ)** and **Clear Protective Lacquer (CPL)**.

The main use of the thinner is to dilute 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.

DCT 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

DCT may be used to maintain the viscosity of non-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. **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 further thinners.

DCT 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

1 Litre Bulk
5 Litres Bulk

ORDER CODE

DCT01L
DCT05L

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