

DCT

Conformal Coating Thinners

DESCRIPTION

DCT is a high purity solvent blend designed for reducing the viscosity of a number of 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.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

APPROVALS

Standard	Status
RoHS Compliant (2015/863/EU)	Yes
NATO Stock Numbers	8010993017321 (DCT01L)

PRODUCT INFORMATION

For available packaging sizes please visit:

electrolube.com

PHYSICAL PROPERTIES

Category	Results
Liquid Properties	
Appearance	Colorless
Density @ 20 °C (g/mL)	0.87
VOC Content	100%
Flash Point	27 °C

TYPICAL PRODUCT APPLICATION

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.

ADDITIONAL INFORMATION

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.

Shelf Life: 36 Months

SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available.**

CONTACT INFORMATION

To confirm this document is the most recent version, please contact
TechnicalSupportTeam@hkw.co.uk
www.electrolube.com

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE . Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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