Electrolube® FTH

Fast Dry Thinner

DESCRIPTION

Electrolube® FTH is a high purity solvent blend designed for use with our fast drying conformal coatings, AFA and PUCAF. The primary use of FTH is to dilute the coating for use in dip and spray coating applications.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

APPROVALS

Standard	Status
RoHS - 2 Compliant (2011/65/EU)	Yes

PRODUCT INFORMATION

Please contact your customer service representative for information on available package sizes.

PHYSICAL PROPERTIES

Category	Results
Liquid Properties	
Appearance	Clear, Colorless Liquid
Density @ 20 °C (g/mL)	0.88
VOC Content	100%
Flash Point	27 °C

TYPICAL PRODUCT APPLICATION

Spray Coating

The optimum viscosity to give coating quality and thickness depends on the spray equipment and conditions, as well as the conformal coating chosen. Suitable spray viscosity is typically 40-70mPa s. In addition, extra solvent may need to be added to avoid immediate drying during application, commonly known as ‘cobwebbing’. 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

FTH may be used to maintain the viscosity of AFA and PUCAF conformal 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. The amount of FTH to be added depends on the total volume of the tank, ambient temperature and rate of use. FTH should be added slowly, allowing the viscosity of the coating to alter prior to adding additional thinners. FTH 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

FTH thinners may also be used to clean metal equipment found in the coating process including but not limited to spray guns and dip coating machinery.

Shelf Life: 24 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

www.macdermidalpha.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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