

PCS

Peelable Coating Mask - Synthetic

DESCRIPTION

PCS is a synthetic peelable coating mask designed to offer a longer shelf life over standard latex product. It is suitable for masking components, connectors, and other items during the conformal coating process. It is also suitable as a spot mask for wave soldering applications.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

FEATURES AND BENEFITS

- Ammonia free product; offers longer shelf-life and improved odour when curing
- Thermal cure; offers fast application and processing times
- Prevents coating ingress into connectors and components due to the capillary effect
- Suitable for use with dip, spray or brush applied conformal coatings

APPROVALS

Standard	Status
RoHS Compliant (2015/863/EU)	Yes

PRODUCT INFORMATION

For available packaging sizes please visit:

electrolube.com

PHYSICAL PROPERTIES

Category	Results
Liquid Properties	
Density (g/mL)	1.0
Solid Content	45 ± 3 %
Viscosity Brookfield (mPa s @ 23 °C)	55,000 to 65,000
pH	8.5 to 9.5
Suggested Thickness	> 1 mm
Drying Time (1 mm Thickness)	
23 °C	2 hours
65 °C	30 minutes
Cured Properties	
Elongation at Break	350 %

APPLICATION GUIDELINES

PCS should be applied to the area being masked to a thickness of at least 1mm to enable easy peeling after use. Dry at 65 °C for at least 30 minutes (2 hours at 23 °C). This can be accelerated by heating @ 80 °C. Thicker films may require longer drying times. As PCS dries it changes in colour from pink to red and must be fully dry before the conformal coating or wave soldering process.

Following application of a conformal coating, PCS can be removed by peeling off once the coating is touch dry. The conformal coating may then be secondary or heat cured if applicable, according to the manufactures guidelines. When used as a solder mask, PCS can be removed by peeling off after the process once the substrate has cooled to room temperature.

ADDITIONAL INFORMATION

Shelf Life: 12 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

North America 109 Corporate Blvd. South Plainfield, NJ 07080, USA 1.800.367.5460	Europe Ashby Park Coalfield Way Ashby de la Zouch Leicestershire, LE65 1JR, UK 44.01530.41960	Asia 8/F., Paul Y. Centre 51 Hung To Road Kwun Tong, Kowloon, Hong Kong 852.3190.3100
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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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