

## ACC13 SYNTHETIC PEELABLE MASK

### Characterization

ACC 13 SYNTHETIC PEELABLE MASK is a neutral acrylic latex material formulated as a temporary peelable solder mask designed to withstand fluxing, wave soldering and cleaning operations. It may also be used as a peelable mask during the conformal coating. Also suitable for stencilling when larger surfaces are to be protected.

Key Features:

- Neutral, stable, synthetic acrylic latex containing no ammonia.
- Non corrosive to copper, gold or presoldered surfaces
- Has a colour change system (pink to translucent red) to show when the material is cured
- Wide temperature range – withstands molten solder (including lead free)
- Uncured mask removable by water
- Cured mask peels readily by hand
- RoHS compliant

### Technical Data

	<b>ACC13</b>		
<b>Appearance</b>	Pink (uncured) / Translucent red (cured)		
<b>Rheology</b>	Thixotropic		
<b>Density @ 25°C</b>	1.00	g/ml	ASTM D70
<b>Viscosity</b>	28,000-30,000	mPas	Brookfield RVF

### Storability / Storage

With a proper storage the product will hold for approx. 18 months if stored properly below 10 - 30°C and protected from frost in a dry place in closed original containers.

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

## **Application Technique**

### **Application**

Apply directly from the bottle as a thin film (solder mask) or a bead (e.g. protection of connectors during conformal coating). The product may be air cured or heated to 60 or 80°C. The product may be thinned with DI water if required.

Suggested thickness 20 – 30 thou / 0.020-0.030 inch / 500 – 750 micron.

**It is absolutely important to check the compatibility in preliminary tests if unknown substrates are used.**

### **Safety**

Please observe our EC safety data sheets and the safety remarks on our container labels when handling our products. The dangerous goods regulations and the accident prevention regulations of the professional associations must be particularly observed. Keep the EC safety data sheet of the applied product at hand since it provides you with useful instructions for the safe use and disposal of the product as well as for actions to be taken in case of accidents.

**We reserve the right to modify the product and technical leaflet.**

**Our department for applied technique is always at your service for further information and advice.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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