



# SUPERIOR No. 99-25.15



## Solderability Testing Flux #1

- Flux formulated to meet the specific standards for tin-lead wettability testing to IPC ANSI J-STD 002 E revision, Flux #1. Also meets specific standards for lead free wettability testing to IPC ANSI J-STD 003 B revision. Classified as an ROL1 per IPC J-STD-002D & J-STD-004B.

### DESCRIPTION

**Superior No. 99-25.15 RMA Flux** consists of a homogeneous solution of water-white rosin (colophony) in an exact activator to solvent ratio to meet IPC ANSI J-STD 002E and 003B for solderability testing of boards and leads.

### SPECIFICATIONS

**Superior No. 99-25.15 RMA Flux** meets all the requirements of IPC ANSI J-STD 002E and IPC ANSI J-STD 003B for testing solderability of tin-lead solder. It contains the following ingredients:

1. Composition of 25%  $\pm$  0.5% by weight of Colophony.
2. Composition of 0.15%  $\pm$  0.01% by weight of Diethylammonium Hydrochloride (CAS 660-68-4).
3. Composition of 74.85%  $\pm$  0.5% by weight Isopropyl Alcohol (CAS 67-63-0)

### PHYSICAL PROPERTIES

Form	Light Brown Liquid
Specific Gravity	0.843 $\pm$ 0.005 @ 20-25°C/68-77°F
Density	7.031 lbs./gallon @ 20-25°C/68-77°F
Solids Content	25.15%
Percentage of Rosin	25.00%
Percentage of Diethylamine Hydrochloride	0.15%
Percentage Chloride	0.05%
Spread Factor	80 minimum
Flash Point (TCC.)	12°C/53°F
Freezing Effects	None
Residue Characteristics	Non-Corrosive, Non-Conductive

**This Product is RoHS 3 Compliant**

### SAFETY PRECAUTIONS

**Superior No. 99-25.15 RMA Flux** is flammable and should be stored in plastic containers away from heat, sparks or an open flame. Use adequate ventilation to remove flux fumes, along with fumes from the soldering station. Avoid contact with skin and eyes and avoid breathing vapors. Flux has a two (2) year shelf life. Refer to the Safety Data Sheet (SDS) for additional safety information.

*Superior manufactures quality fluxes. Our business is solving problems.*



**Superior Flux  
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