



SRA #99 Rosin Flux, Type RMA - 1 Gallon

KEY FEATURES

- A mildly activated rosin flux for general-purpose soldering of PCB's, wire, cable, and semiconductors, and hand soldering applications.
- Excellent for a variety of metals including copper, gold, nickel alloys, silver, and tin.
- Can be used for automated and manual soldering operations.
- Flux conforms to IPC-ANSI-J-STD-004, Type ROL1.

DESCRIPTION

SRA #99 Rosin Flux consists of a homogeneous solution of water-white rosin in a multi-component solvent system with a brominated organic activator. It is completely chloride-free. The flux is widely used in electronic applications requiring excellent soldering activity and yielding residues with high water-extract resistivities. **SRA #99 Rosin Flux** becomes active above 175°C/340°F, attaining peak activity in the temperature range 200-260°C/390-500°F, where it promotes excellent solderability. It can also be used for high-temperature soldering applications, such as mag-wire tinning at temperatures in the 400-430°C/750-800°F range.

APPLICATIONS

SRA #99 Rosin Flux is an excellent choice for soldering printed circuit boards (PCBs), wire leads, cables, and component tinning. **SRA #99 Rosin Flux** can be used to solder many different metals and alloys including copper, gold, alloy 42, alloy 51, nickel alloys, and other metals commonly used in electronics applications.

PHYSICAL PROPERTIES

Form	Light Brown Liquid
Specific Gravity	0.90 ± 0.02 @ 20-25°C/68-77°F
Density	7.5 lbs/gallon @ 20-25°C/68-77°F
Solids Content	45.5 ± 2.0%
Free Acidity	None
Chloride Content	None
Inorganic Cations	None
Soldering Range	200-260°C/390-500°F
Spread Factor	90 minimum
Flash Point (TCC.)	12°C/53°F
Boiling Point	82.3°C/180.1°F
Freezing Effects	None
Residue Characteristics	Non-Corrosive, Non-Conductive
Water Extract Resistivity	150,000 ohm/cm

This Product is RoHS Compliant



SPECIFICATIONS

SRA #99 Rosin Flux meets all the requirements of Mil-F-14256, Type RMA.

SRA #99 Rosin Flux meets all the requirements IPC ANSI-J-STD-004, Type ROM1

DIRECTIONS

SRA #99 Rosin Flux can be applied by foaming, brushing, dipping, rolling and spraying. Soldering need not be carried out immediately after fluxing. The residues are completely non-corrosive, non-conductive and fungus-proof, and need not be removed. However, cleaning is easily accomplished by vapor-degreasing methods, using appropriate solvent systems.

The specific gravity of the flux increases with prolonged use as the solvents evaporate. It can be restored to the recommended value by adding flux thinner to the flux and mixing thoroughly.

SAFETY PRECAUTIONS

SRA #99 Rosin 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.

A Material Safety Data Sheet (MSDS) is available on request.

SRA #99 Rosin Flux has a two (2) year shelf life.

