



SUPERIOR WS-ROL0-LF-1



WATER-SOLUBLE ROSIN FLUX

- Residues are completely Water-Soluble and the flux's characteristics pass Bellcore.
- Will solder a wide range of difficult-to-solder base metals
- Halide-free, halogen-free
- Superior wetting characteristics, lot-to-lot consistency, and stable viscosity
- Translucent residue
- Flux conforms to IPC-ANSI-J-STD-004, Type ROL0 & Mil-F-14256, Type RMA

DESCRIPTION

Superior WS-ROL0-LF1 Water-Soluble Rosin Flux is a Water-Soluble formulation for electronics applications requiring high-reliability, stability, and cleanliness. Flux formulation contains no ionic materials and is suitable for clean-room applications.

APPLICATIONS

Superior WS-ROL0-LF-1 Water-Soluble Flux is formulated for BGA rework and repair, or specialty processes where a conventional flux does not provide sufficient activity and/or requires post-solder cleaning. Flux can be placed on surface area by spraying or manually applying the flux, foaming should not be used for application.

When cleaning all residues, a water temperature of 60°C/140°F is recommended for optimum results. Residues are water-soluble.

PHYSICAL PROPERTIES

Form	Liquid
Color	Amber
Specific Gravity	0.840 +/- 0.02 @ 20-25°C
Soldering Temperature Range	120-400°C/250-750°F
Melting Point	60°C/140°F
Freezing Point	Not Applicable

This product is RoHS Compliant

SPECIFICATIONS

Superior WS-ROL0-LF1 Flux is halide-free and all post-solder residues are water-soluble. It is formulated for Lead-Free and Tin/Lead solders.

SAFETY

Superior WS-ROL0-LF1 Flux is a product formulated for use in assembly processes that require safety precautions be taken. Avoid contact with skin and eyes. When using, do not eat, drink, or smoke. Wear gloves and eye protection. Most alloys contain lead; wash hands if hands come in contact with the product.

Observe industrial hygiene and safety practices to assure conformance with local, state, and federal safety health and environmental regulations.

Adequate ventilation should be provided when soldering. Consult the Safety Data Sheet (SDS) for additional information.

STORAGE

The following conditions are recommended to achieve long-term stability and the assurance of consistent flux:

- Store flux at room temperature of 18-25°C/64-77°F.

Superior WS-ROL0-LF1 Flux is certified for one (1) year when stored at room temperature

Superior manufactures quality fluxes. Our business is solving problems.

