



SUPERIOR 8804-WTF

RMA WATER-SOLUBLE WHITE TACKY FLUX



- RMA Water-Soluble Soldering White Tacky Flux
- Residues and characteristics pass Bellcore Tests
- Translucent slight white residue
- No slump
- Excellent wetting ability, lot-to-lot consistency, and stable viscosity
- Long tack time
- **THIS PRODUCT IS RoHS COMPLIANT.**

DESCRIPTION

Superior 8804-WTF White Tacky Flux is a Type ROL0 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. Though this tacky flux contains rosin, with all its inherent advantages, it is water-soluble.

APPLICATIONS

Superior 8804-WTF Water-Soluble White Tacky 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 printing, dispensing, or manually applying the flux. This material blocks light for false AOI readings for BGA placement.

When cleaning is required, deionized water can be used to clean all surfaces requiring residue removal. A water temperature of 60°C/140°F is recommended for optimum results. If water cleaning cannot be used, an aqueous cleaning system using **Superior SyberKleen 2000** saponifier or Isopropyl Alcohol (IPA) will remove all residues.

PHYSICAL PROPERTIES

Form	Paste
Viscosity	100,000 – 200,000 cps @ 20-25°C
Color	Light Tan to Off-White
Recommended Soldering Range	140-315°C/284-600°F
pH of Flux	8.1

SPECIFICATIONS

Superior 8804-WTF White Tacky Flux meets Bellcore standards and is classified as an IPC ANSI-J-STD-004 Type ROL0. The formulation has low halides content (<0.0025%) and all post-solder residues are water soluble. No issues for in-line cleaners and recirculating systems as water is slightly cloudy and will not affect filters.

SAFETY PRECAUTIONS

Superior 8804-WTF Water-Soluble White Tacky Flux is a product formulated for use in assembly processes that require safety precautions be engaged. Avoid contact with skin and eyes. When using, do not eat, drink, or smoke. Wear gloves and eye protection. When soldering, many 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 Tacky Flux:

- Store flux at room temperature of 18-25°C/64-77°F to achieve 1 (one) year shelf life.

Superior manufactures quality fluxes. Our business is solving problems.



**Superior Flux
& Mfg. Co.**

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