



# SUPERIOR 5000-TF NO-CLEAN TACKY FLUX



- Residues and characteristics pass Bellcore
- Translucent residue
- Meets IPC requirements for ROL0, No-Clean
- No slump
- Excellent wetting ability, lot-to-lot consistency, and stable viscosity
- Long tack time
- Halide-free, halogen-free
- **THIS PRODUCT IS RoHS COMPLIANT.**

## DESCRIPTION

**Superior 5000-TF Tacky Flux** is a conventional Type ROL0 No-Clean 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 5000-TF 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.

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

## PHYSICAL PROPERTIES

Form	Paste
Viscosity	100,000 – 200,000 cps @ 20-25 °C
Color	Light Tan to Dark Brown
Recommended Soldering Range	140-250°C/284-482°F

## SPECIFICATIONS

**Superior 5000-TF Tacky Flux** meets Bellcore standards and is classified as an IPC ANSI-J-STD-006 Type ROL0. The formulation is halide-free and all post-solder residues are No-Clean.

## SAFETY PRECAUTIONS

**Superior 5000-TF No-Clean 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 Material Safety Data Sheet (MSDS) 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.

Tacky Flux is certified for two (2) year when stored at room temperature.

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

