



SUPERIOR No. 2040



WATER-SOLUBLE TACKY FLUX

- Passes IPC Tests
- Superior wetting characteristics, lot-to-lot consistency, and stable viscosity
- No slump
- Halide-free, halogen-free
- Long tack time
- Residues are completely Water-Soluble. Post-solder residues can be maintained if delayed cleaning is necessary up to 168 hours with no adverse effects on SIR Values.
- **THIS PRODUCT IS RoHS COMPLIANT.**

DESCRIPTION

Superior 2040 Water-Soluble Tacky 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 2040 Water-Soluble 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 all residues, a water temperature of 60°C/140°F is recommended for optimum results. **DO NOT** use isopropyl alcohol to clean post-solder residues. Residues are water-soluble. Isopropyl and other solvents will prolong the cleaning process and should not be used for residue removal or tacky flux cleaning.

SPECIFICATIONS

Superior 2040 Water-Soluble Tacky Flux is classified as an IPC ANSI-J-STD-006 Type ORL0. The formulation is halide-free and all post-solder residues are water-soluble.

SAFETY

Superior 2040 Water-Soluble Tacky 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 Material Safety Data Sheet (MSDS) for additional information.

Superior manufactures quality fluxes. Our business is solving problems.



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.
- Mild separation may occur; if it does, remix to achieve consistency.

Tacky Flux is certified for one (1) year when stored at room temperature.

The information contained herein is based on data considered to be accurate and is intended for use by persons having technical skills at their own discretion and risk. Since conditions of use are outside of Superior Flux & Mfg. Co.'s control, we cannot assume liability for results obtained or damage incurred due to misuse, nor can we assume customer liability.

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