



SUPERIOR HAL-776



HOT AIR SOLDER LEVELING FLUX

- A Non-Chloride, VOC-Free Hot Air Flux.
- A water-soluble HASL that requires no organic solvents for cleaning.
- Completely non-ionic formulation.
- Non-hazardous and safe to handle.

DESCRIPTION

Superior HAL-776 Flux is a Non-Chloride activated water-soluble, non-flammable, heat-stable organic flux specially formulated for Hot-Air Solder Level soldering processes in vertical and linear PC Fabrication processes. Formulated for high temperature solders, this flux is stable and active during the heat-cycle to promote solder wetting to metal surfaces rapidly and actually assists the solder process by relieving surface tension of the solder.

APPLICATION

When soldering, preheating the applied flux prior to immersion in the solder reduces or eliminates spattering from the process. **Superior HAL-776** is completely water-soluble and is easily removed from post-solder surfaces using DI water. A water temperature of 60°C/140°F is recommended for optimum results and cleanliness. Post solder finish is bright, shiny and smooth.

PHYSICAL PROPERTIES

Specific Gravity	1.095 ± 0.01 @ 20-25°C/68-77°F
pH	1.30 ± 0.5 @ 20-25°C/68-77°F
Flash Point	None
VOC Content	None
Appearance	Clear Liquid

This Product is RoHS Compliant

SAFETY PRECAUTIONS

Superior HAL-776 is non-hazardous, non-corrosive and non-flammable. Proper ventilation is required as a precaution during all soldering processes. This product will not separate, harden, or crystallize over time and requires no refrigeration.

Store at room temperature and keep away from heat and sunlight. **Superior HAL-776** has a one (1) year certified shelf life.

Superior manufactures quality fluxes. Our business is solving problems.



**Superior Flux
& Mfg. Co.**

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