



# SUPERIOR ACID CORE FLUX



## ACID CORE FLUX

- Excellent for all metal, except aluminum and magnesium.
- A versatile inorganic, acid core flux for industrial applications.

### DESCRIPTION

Superior Acid Core Flux is formulated for manufacturing acid flux core wire solder alloys. This is an inorganic 'Acid Type' flux and is not suitable for use in electrical or electronic applications. This formulation is classified as a corrosive material and also has hygroscopic properties.

All post-solder residues should be removed after soldering using a water rinse. A first stage rinse of water with 2-3% HCl helps ensure complete removal of flux residues. All flux residues after soldering should be carefully removed by rinsing in water to prevent corrosion. Superior Acid Core Flux is an excellent choice for all metals except aluminum and magnesium.

### APPLICATIONS

Superior Acid Core Flux is generally loaded into solders used for applications where rapid soldering can be accomplished at controlled conditions. It is an excellent choice for soldering copper, brass, bronze, nickel alloys, mild steel, and stainless steel.

### PHYSICAL PROPERTIES

Physical State	Paste/Slurry form
Color	White/Tan
Flux Type	Inorganic, Acid Type
Solderability	Excellent
Residue Removal	Required
<b>This Product is RoHS Compliant</b>	

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



## RESIDUE REMOVAL

**Superior Acid Core Flux** leaves a corrosive residue after soldering. Complete removal of flux residue can be accomplished by a chemical neutralizer rinse followed by several water washings. A first rinse in water with the addition of 2-3% HCl helps remove post solder residues and facilitate better second and third stage cleaning.

## SAFETY PRECAUTIONS

**Superior Acid Core Flux** contains inorganic acids and is corrosive. Avoid contact with skin, eyes. If in contact with skin, flush with water for 15 minutes. For eyes, flush in eye fountain and get immediate medical attention. If swallowed give plenty of water or milk and call a physician. Keep out of reach of children.

Consult the MSDS for further safety information. Disposal of flux and flux residues must be carried out in accordance with local and federal regulations.

**Superior Acid Core Flux** has a two (2) year shelf life.

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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