



SUPERIOR SuperShine



NON-ACID, WATER SOLUBLE FLUX

- Excellent for difficult-to-solder metals including nickel alloys, iron, and zinc
- Effective on bare copper, brass, galvanized iron, and mild steel
- Works with both lead-free and traditional tin-lead solder alloys
- Non-acid and non-toxic

DESCRIPTION

Superior SuperShine is a non-toxic, non-acid flux formulated for a wide variety of metals. It combines a unique organic activation system with a well rounded solvent to make application easy. This flux does not leave a post-solder white residue, and is an ideal choice for high volume or industrial soldering operations.

APPLICATIONS

Superior SuperShine is an excellent choice for use with harder-to-solder metals such as galvanized or malleable iron, nickel alloys, terne plate, and mild steel. Additionally, it works well on bare or tinned copper and brass. Not for use on Aluminum, Magnesium or brazing alloys (silver soldering).

DIRECTIONS

Superior SuperShine may be applied by brush, towel, swab, spray, or dipping. The flux may be used as supplied, or can be diluted for use with less hard-to-solder metals. **Superior SuperShine** reaches peak activity, and is recommended for use, between 105-290°C/220-550°F. Residues are water-soluble, and should be removed after soldering. For best cleaning results, wash residues immediately after soldering. A water temperature of 49-60°C/120-140°F is recommended for optimum results. However, excellent results are routinely achieved at lower water temperatures. The organic base of **Superior SuperShine** is non-toxic and low foaming. Rinse waters are completely biodegradable. Consult local authorities for disposal regulations.

Superior manufactures quality fluxes. Our business is solving problems.



PHYSICAL PROPERTIES

Specific Gravity	1.090 ± 0.010 @ 20-25°C
Density	9.09 lbs/Gallon @ 20-25°C
pH	6.0-8.0
Color	Clear liquid, yellow to orange
Recommended Soldering Range	200-315°C/390-600°F
VOC Content (% by weight)	4.25

THIS PRODUCT IS RoHS COMPLIANT.

SAFETY PRECAUTIONS

Superior SuperShine is a flammable product and should be handled with care and the normal precautions taken when working with chemical products.

When soldering with **Superior SuperShine**, adequate exhaust ventilation should be provided. Avoid contact with eyes, skin, and mucous membranes. Always wear NIOSH approved safety equipment when working with chemicals. Store in plastic containers away from heat.

Refer to Safety Data Sheet (SDS) for additional safety information.

Superior SuperShine 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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