



SUPERIOR No. 76



SELF-CLEANING SOLDERING PASTE

DESCRIPTION

Superior No. 76 is a Petrolatum-based soldering paste that contains Zinc Chloride and Ammonium Chloride. The Petrolatum helps protect the solder joint against corrosive attack and the paste form insures that the flux stays put until soldering.

APPLICATIONS

Superior No. 76 is useful on most common metals except Aluminum and Magnesium. It is employed mainly in plumbing and maintenance applications. (No. 76 is available in pound cans, and in 5 lb., 20 lb. and 40 lb. pails.)

PHYSICAL PROPERTIES

Form	Yellow Paste
Specific Gravity	0.95 – 1.00
Flash Point	285°C (540°F)
Boiling Point	337°C (640°F)
Spread Factor	80 Minimum
Soldering Temperature Range	93°C – 315°C (200°F– 600°F)

SPECIFICATIONS

Superior No. 76 meets Federal Specifications O-F 506C, Type I, form A and MIL-S-6872A.

DIRECTIONS

Superior No. 76 is generally applied using an acid brush. The flux is active between 93°C (200°F) and 315°C (600°F). although the flux is self-cleaning, it is recommended that the parts first be cleaned with a rough surface. For most applications, the residues can be removed with a damp rag. However, the following cleaning steps must be followed in critical applications:

1. Degrease with an organic solvent.
2. Rinse in hot water containing 2% HCl solution.
3. Use as many hot deionized water rinses as necessary.

SAFETY PRECAUTIONS

Superior No. 76 contains Petrolatum, Zinc Chloride and Ammonium Chloride. Inhalation of fumes can cause injury to the respiratory tract and skin. In case of external contact, wash with soap and water. For eyes, flush with water for 15 minutes and get immediate medical attention. If swallowed, give plenty of water or milk and call a physician. Keep out of reach of children. Do not store near heat, as Petrolatum melts at 135°F.

Refer to the Material Safety Data Sheet (MSDS) for additional information.

Superior manufactures quality solder pastes. Our business is solving problems.

