勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

715 / 817
Inorganic Acid Fluxes

General Information

Kester Inorganic Acid Fluxes are solutions of inorganic salts for use as general all-purpose fluxes. These fluxes are active formulations for soldering difficult-to-solder metals.

The Inorganic Acid Fluxes were developed for non-electronic soldering applications and provide maximum wetting, leaving residues which can be removed with water. The corrosive nature of the residues precludes their use for electrical or electronic applications. Flux residues should be carefully removed to prevent corrosion caused by residual chloride salts. All formulations can be used for soldering with an iron, torch, oven induction coils or resistance tools.

Selection of Type

There are three types of Kester Inorganic Acid Fluxes with the selection based on the type of metal being soldered, flux activity, type of salt and type of solvent system.

Kester 715 - This flux is the standard all-purpose flux for general soldering, with high activity, stability and heat resistance. Rapid soldering can be accomplished on most metals with this concentrated flux.

Kester 817 - Although this is a mild flux, it is a very active solution developed for soldering nickel-chrome and stainless steel alloys where regular acid fluxes such as 715 are not active enough to remove the resistant oxide coatings.

Flux Removal

All inorganic fluxes have the potential to form water insoluble, chloride complex residues such as lead chloride. Kester 5760 Neutralizer will solubilize these residues for complete removal with water.

Complete removal of residues left when soldering with 715 and 817 can be assured by rinsing with a 1% solution of hydrochloric acid. This should be followed by a rinse with a 2-10% solution of 5760 Neutralizer and a final rinse with clean water.

Physical Properties

Flux Formula	Specific Gravity @ 75°F (24°C)	Flash Point[1]	Solids Contents %[2]
715	1.510 ± 0.010	None	51.4
817	1.430 ± 0.010	None	43.3

[1] Flash point as received with specific solvent evaporation.
[2] Solids percentage indicates possible residue and not activity.

Health & Safety

This product, during handling or use may be hazardous to health or the environment. Read the Material Safety Data Sheet and warning label before using this product.

WWW.100Y.COM.TW