



# Kapp Liquid Golden™ Flux for Aluminum Soldering

## Description

**Kapp Liquid Golden™ Flux** has been designed specifically for the low temperature soldering of Aluminum to Aluminum, Copper, and Stainless Steel. This flux is golden colored, chloride-free, and organic based containing 56-60% active ingredients consisting of amines and complex inorganic fluorides. Effective fluxing action occurs at 350-550°F (177-288°C). Golden flux will char at temperatures above 550°F (288°C).

## Applications

- Aluminum to Aluminum or Aluminum to Copper wire pigtail splices
- Aluminum to Copper, Aluminum to Brass or plated terminals
- Hot dip coating of Aluminum cable connectors to provide a low resistance contact surface
- Recommended soldering alloys:
  - KappAloy9™ and KappAloy15™ solders for soft soldering
  - Kapp 509™ - Cadmium-Zinc solders
  - KappRad™ - Tin-Zinc-Cadmium solders
  - Kapp GalvRepair™ - Tin-Zinc-Lead solders
- Where it is desirable to attain flow into tight capillary joints
- **Residue is electrically conductive and slightly corrosive. We recommend that user remove any residue with hot water or alcohol and a clean rag.**

## Properties

The following chart represents the physical properties of **Kapp Golden™ Flux**. Many factors, such as materials, temperature, and method of application determine the most effective flux. We recommend testing appropriate fluxes in your specific application to ensure suitability.

Technical Data	
Active Temperature Range:	350-550°F (177-288°C)
Viscosity:	1050 cps #3 spindle, 20 rpm
Appearance:	Clear gold-colored viscous syrup with ammonia odor
Solubility:	Soluble in water
pH:	Slightly Alkaline
Corrosion Resistance:	Fair
Boiling Point:	273°F (134°C)
Flash Point:	230°F (110°C)
Weight Per Gallon:	10 lbs. (4.5 kg)
Shelf Life:	2 years unopened at ambient temp.
Packaging:	Convenient 2 oz. & 8 oz. dispenser bottles; ½ gallon and 1 gallon bulk bottles
<b>*Note: Flux is rated by D.O.T. as a Corrosive Hazard - Can Not be shipped by Air</b>	

## Product Variants

- 2 oz. bottle
- 8 oz. bottle
- ½ gallon jug
- 1 gallon jug