



# SS-A/B Solder Stripper

## DESCRIPTION

SS-A/B Solder Stripper is specifically designed for solder and tin stripping applications. SS-A is to be used in conjunction with SS-B for the first part in a two stage solder stripper. The two parts of this stripper are separate to maximize stability and ensure a long shelf life. It contains no complex fluorides thus avoiding the possibility of solution exotherming, and will not attack laminate. SS-A/B strips rapidly and stops at the intermetallic layer between the solder and copper therefore allowing the board to remain in the stripping solution without being damaged. The intermetallic layer is removed quickly using SS2 copper conditioner or EZ 6001 Solder stripper.

### BENEFITS:

1. Long lifetime. Excellent stripping capacity.
2. Wide operating window.
3. Excellent stability and long shelf life

## OPERATING PARAMETERS

Make-Up	50 gallons SSA plus 5 gal SSB (90% SSA plus 10% SSB)
Temperature	75-95°F (24-35°C)
Immersion Time	30 sec to 2 min, until stripping is complete
Process	Batch tank
Agitation	Will aid stripping in holes
Ventilation	Required
Tanks	Polypropylene, CPVC, polyethylene
Racks and Baskets	PVC Coated
Heaters	Teflon coils, Quartz
Filtration	Not necessary
Cooling coils	If temperature exceeds 95F, Teflon cooling coils are recommended



## PHYSICAL PROPERTIES

Properties	SS-A	SS-B
Specific gravity	1.18-1.21	1.24-1.31
Appearance	Clear liquid	Clear liquid
pH	<1.0	1.0-4.0
Odor	Acrid acidic	Faint ammonia

## CONTROL PROCEDURES

New bath mixing: Mix 50 gallons of SS-A and 5 gallons of SS-B or a similar ratio in the bath.

Operation:

Immerse the board in SS-A/B solution for approximately 60 seconds or until it has stripped down to the gray intermetallic layer. Rinse with water and immerse in SS2 copper conditioner to remove the intermetallic layer and prevent copper oxidation. Alternately, EZ6001 stripper can be used in place of SS2. This is especially useful to remove any unstrapped tin residues.

Discard and remake:

SS-A/B Solder Stripper should be discarded when the etching rate has decreased considerably.

## ANALYSIS

Analysis is not required to use SS-A/B.

## SAFETY AND STORAGE

SS-A/B is very acidic and should be handled with care. Please refer to MSDS sheet for details. Store only in original solutions in a dry area out of direct sunlight.

## WASTE TREATMENT

SS-A/B mixed solutions are acidic and will contain tin / lead. Spent SS-A/ B should be neutralized and disposed of in accordance with local and federal regulations.

## MISCELLANEOUS

SSA is available in 50 gallon drums. SSB is available in 5 gallon pails.