

**FORCE
INDUSTRIES
DIVISION**

American Solder & Flux Co., Inc. • 28 Industrial Boulevard • Paoli, PA 19301-0947 • (610) 647-3575 • FAX (610) 647-2375

PRODUCT INFORMATION

AMCO 101-53

(296)

GENERAL CHARACTERISTICS AND USES

AMCO 101-53 is an organic flux containing 18-20% active ingredients. It is designed for the automated soldering process of the canning industry and used primarily on sanitary cans.

PHYSICAL DATA

- ◆ Clear solution with viscosity similar to water
- ◆ Specific Gravity: 0.92 @ 67 °F
- ◆ Weight per gallon: 36.76 lbs/gal
- ◆ Flash Point 53°F TCC
- ◆ Boiling Point 185°F
- ◆ pH 6 - 8
- ◆ Surface Tension 26.5 dynes/cm²
- ◆ Shelf Life: At least two year in the unopened container kept under ordinary conditions.
- ◆ FDA approved

APPLICATION

- ◆ Best results obtained with 2/98 solder on tin plate
- ◆ Provide excellent wetting properties necessary for high speed production
- ◆ Generally inert to most can varnish and coatings

RESIDUE

- ◆ The soldering temperature of the alloy subsequently neutralizes the activity of the flux thereby eliminating the corrosive residue

PACKAGING

- ◆ 55 gallon non returnable drum

SPECIAL NOTES

- ◆ Store at temperatures between 10 - 27 deg. C (50 - 80 deg. F)