

## Product Data Sheet

# 42-SS Soldering Flux

### Features

- Excellent Thermal Stability
- Rapid Wetting Action
- Use on Stainless Steel and Difficult-to-Solder Metals
- Water-Based

### Packaging

- 5 gallon containers
- 55 gallon drums

### Technical Support

Indium Corporation's internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Material Science as it applies to the electronics and semiconductor sectors, Technical Support Engineers provide expert advice in solder properties, alloy compatibility and selection of solder preforms, wire, ribbon and paste. Indium Corporation's Technical Support engineers provide Rapid Response to all technical inquiries.

### Introduction

**42-SS** is a water-based inorganic salt formulation developed for soldering stainless steel and other difficult-to-solder metals.

**42-SS** provides fast wetting and effective oxide removal for dependable soldering.

### Process Recommendations

**42-SS** residue can be removed with water or water with 1-2% hydrochloric acid. **42-SS** does not require thinning; if necessary the flux can be diluted with water.

### Physical Properties

Specific Gravity	1.520
Pounds/Gallon	12.73
Solids Content	57%
Flash Point	None
Flux Type	INH1

All information is for reference only. Not to be used as incoming product specifications.

### Material Safety Data Sheet

The MSDS for this product can be found online at <http://www.indium.com/techlibrary/msds.php>

This product data sheet is provided for general information only. It is not intended, and shall not be construed, to warrant or guarantee the performance of the products

described which are sold subject exclusively to written warranties and limitations thereon included in product packaging and invoices.

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