

# PRODUCT DATA SHEET

# CF299

## No-Clean Liquid Flux

### Introduction

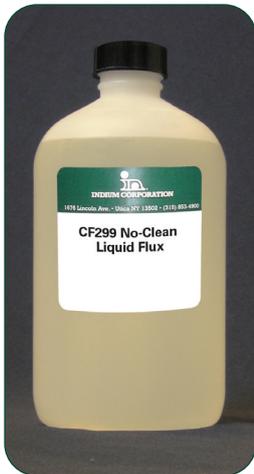
**CF299** is a heat-stabilized rosin flux designed for soldering to preforms or wire. It is formulated for use with a wide range of temperatures and metallizations, and is free of materials listed in the REACH SVHC list. This product is a no-clean, mildly activated flux. It is compatible with Pb-free alloys, as well as with high-Pb and SnPb alloys.

### Physical Properties

Flux Type Classification	ROL1
Applications Technique	Spray
Specific Gravity	0.9
Typical Viscosity	21–24cSt
SIR Testing	Pass
Typical Acid Value	69–89
Typical Tack Strength	Below detection limit
Shelf Life	3 months (minimum)

### Cleaning

**CF299** is a no-clean flux. Removal of post-reflow flux residue is usually not necessary. If cleaning is desired, commercially available flux residue removers can be used.



### Packaging

Standard packaging for **CF299** is 1 U.S. pint (0.473 liter) and 1 U.S. gallon (3.785 liters).

### Storage and Handling

Flux should be allowed to reach ambient temperature prior to use. Containers should be labeled with date and time of opening.

### Technical Support

Indium Corporation sets the industry standard in providing rapid response, onsite technical support for our customers worldwide. Indium Corporation's team of Technical Support Engineers can provide expertise in all aspects of Materials Science and Semiconductor Packaging process applications.

### Safety Data Sheets

Please refer to the SDS document within the product shipment, or contact our local team to receive a copy.

### Recommended Application Notes

- Flux and Solder Compatibility (Form No. 97751)
- Common Elements (Form No. 98557)
- Pb-Free Solder FAQs (Form No. 97758)
- Practical Suggestions for Preform Design (Form No. 97763)

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. All Indium Corporation's products and solutions are designed to be commercially available unless specifically stated otherwise.

All of Indium Corporation's solder paste and preform manufacturing facilities are IATF 16949:2016 certified. Indium Corporation is an ISO 9001:2015 registered company.

## From One Engineer To Another®

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