

PRODUCT DATA SHEET

TACFlux® 089

Introduction

TACFlux® 089 is a no-clean flux formulated for SnAgCu and SnAg solders (also compatible with SnPb solder). **TACFlux® 089** provides excellent wetting in air or nitrogen atmospheres. The flux residue is clear and probe test friendly.

Properties

| J-STD-004 (IPC-TM-650) | Result |
|---|--|
| Flux Type Classification | ROL1 |
| Flux-Induced Corrosion (Copper Mirror) | Type L |
| Presence of Halide: – Silver Chromate – Fluoride Spot Test – Cl Equivalent | Pass Pass <0.5% |
| Post-Reflow Flux Residue (ICA Test) | ~35% |
| SIR | Pass |
| Bellcore Electromigration | Pass |
| Viscosity (C & P) | 17kcps (Cone & Plate viscosity @ 5 minutes) |
| Tack | 146g |
| Additional Test Results | |
| Appearance | Light yellow-amber |
| Maximum Reflow Temperature | 260°C |
| Reflow Atmosphere | Nitrogen or air |
| Shelf Life | 1 year |
| Storage Condition | Stored @ 0–30°C (tip down for syringe/cartridge) |

All information is for reference only.

Not to be used as incoming product specifications.

Packaging

TACFlux® 089 is available in 10 and 30cc syringes or 100g jars; however, other packaging can be provided to meet specific requirements.

Cleaning

TACFlux® 089 is designed for no-clean applications. If necessary, the flux can be removed by using a commercially available flux cleaner.

Reflow

Peak reflow temperature should be <260°C in an air or nitrogen atmosphere.

Storage

TACFlux® 089 syringes and cartridges should be stored tip down at 0–30°C. If refrigerated, **TACFlux® 089** should be thawed for 4 hours at room temperature before using.

Technical Support

Indium Corporation's internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Materials 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.

Safety Data Sheets

The SDS for this product can be found online at <http://www.indium.com/sds>



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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.

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