

# PRODUCT DATA SHEET

# TACFlux® 089HF

## Introduction

**TACFlux® 089HF** is a no-clean flux formulated for SnAgCu and SnAg solders (also compatible with Sn/Pb solder). **TACFlux® 089HF** provides excellent wetting in air or nitrogen atmospheres. The flux and flux residue is halogen-free.

## Properties

Test	Result
<b>J-STD-004 (IPC-TM-650)</b>	
Flux Type Classification	ROL0
Flux-Induced Corrosion (Copper Mirror)	Type L
Presence of Halide: Silver Chromate Fluoride Spot Test Cl Equivalent	Pass Pass <0.0%
Post-Reflow Flux Residue (ICA Test)	~35%
SIR	Pass
Bellcore Electrochemical Migration	Pass
Viscosity (C & P)	10kcps (Cone & Plate viscosity @ 5 minutes)
Tack	120 grams
<b>Additional Test Results</b>	
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® 089HF** is available in 10 and 30cc syringes or 100g jars; however, other packaging can be provided to meet specific requirements.

## Cleaning

**TACFlux® 089HF** 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® 089HF** syringes and cartridges should be stored tip down at 0–30°C. If refrigerated, **TACFlux® 089HF** 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 Material Science as it applies to the electronics and semiconductor sectors, Technical Support Engineers provide expert advice in 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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## From One Engineer To Another®

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Form No. 98550 (A4) R0 



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