

Product Data Sheet

TACFlux® 089HF

Introduction

TACFlux® 089HF is a no-clean flux formulated for Sn/Ag/Cu and Sn/Ag 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

J-STD-004 (IPC-TM-650)	
Test	Result
Flux Type Classification	ROLO
Flux Induced Corrosion (Copper Mirror)	Type L
Presence of Halide:	
Silver Chromate	Pass
Fluoride Spot Test	Pass
Cl Equivalent	<0.0%
Post Reflow Flux Residue (ICA Test)	~35%
SIR	Pass
Bellcore Electromigration	Pass
Viscosity (C & P)*	10kcps
Tack	120g

*Cone & Plate viscosity @ 5 minutes

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® 089HF is available in 10cc 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 properties, alloy compatibility and selection of solder preforms, wire, ribbon and paste. Indium Corporation Technical Support engineers provide Rapid Response to all technical inquiries.

Material Safety Data Sheets

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.

Form No. 98550 (A4) RO

www.indium.com

askus@indium.com

ASIA: Singapore, Cheongju: +65 6268 8678
 CHINA: Suzhou, Shenzhen, Liuzhou: +86 (0)512 628 34900
 EUROPE: Milton Keynes, Torino: +44 (0) 1908 580400
 USA: Utica, Clinton, Chicago: +1 315 853 4900



ISO 9001
REGISTERED