

PRODUCT DATA SHEET

TACFlux® 057

Introduction

TACFlux® 057 is an air reflow, halogen-free, no-clean flux used with SnBi and SnBiAg alloys. **TACFlux® 057** provides excellent wetting in air and nitrogen and provides the low activation temperature necessary for the low-melting SnBi and SnBiAg alloys.

Properties

Test	Result
J-STD-004 (IPC-TM-650)	
Flux Type Classification	ROLO
Flux-Induced Corrosion (Copper Mirror)	Pass
Presence of Halide: Silver Chromate Fluoride Spot Test Cl Equivalent	Pass Pass 0%
SIR	Pass
Viscosity (C & P)	13.0kcps (Cone & Plate viscosity @ 5 minutes)
Tack	115 grams
Additional Test Results	
Appearance	Light Yellow–Amber
Maximum Reflow Temperature	200°C
Reflow Atmosphere	Nitrogen or Air
Shelf Life	12 months
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® 057 is available in 10 and 30cc syringes or 100g jars; however, other packaging can be provided to meet specific requirements.

Cleaning

TACFlux® 057 is designed for no-clean applications. If necessary, the flux can be removed by using a commercially available flux cleaner.

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.

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Reflow

Peak reflow temperature should be <200°C in an air or nitrogen atmosphere.

Storage

TACFlux® 057 syringes and cartridges should be stored tip down at 0–30°C. If refrigerated, **TACFlux® 057** 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'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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