

## PRODUCT DATA SHEET

# TACFlux<sup>®</sup>025-NP

Water-Soluble

### Introduction

**TACFlux<sup>®</sup>025-NP** is the rework flux for Sn63/Pb37, Pb-free, and high lead-bearing alloys in an air or inert gas reflow atmosphere. **TACFlux<sup>®</sup>025-NP** provides excellent wetting in air or nitrogen atmospheres. The flux and flux residue are halogen-free per IEC61249-2-21.

Due to the discontinuance of the supply of a single raw material, **TACFlux<sup>®</sup>025-NP** was reformulated as a substitute for the previous TACFlux<sup>®</sup>025 by mixing new chemicals together, to give an equivalent chemistry and the same performance.

### Properties

J-STD-004 (IPC-TM-650)	
Test	Result
Flux Type Classification	ORM0
Flux Induced Corrosion (Copper Mirror)	Type M
Post Reflow Flux Residue (ICA Test)	~35%
SIR	Pass
Viscosity (C & P)*	10kcps
Tack	800g

\* Brookfield Cone & Plate (CP51, 5 rpm, 5 mins, 25°C)

Additional Test Results	
Test	Result
Appearance	Light Yellow-Amber
Maximum Reflow Temperature	370°C
Reflow Atmosphere	Nitrogen or Air
Shelf Life	3 Months
Storage Condition	Stored @ 0-30°C (tip down for syringe or cartridge)

All information is for reference only. Not to be used as incoming product specifications.

### Packaging

**TACFlux<sup>®</sup>025-NP** is available in 10cc and 30cc syringes or 100g jars, however other packaging can be provided to meet specific requirements.

### Cleaning

**TACFlux<sup>®</sup>025-NP** is designed for water-wash applications.

### Reflow

Peak reflow temperature should be 370°C in an air or nitrogen atmosphere.

### Storage

**TACFlux<sup>®</sup>025-NP** syringes and cartridges should be stored tip down at 0-30°C. If refrigerated, **TACFlux<sup>®</sup>025-NP** 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.

### Safety Data Sheets

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

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.

## From One Engineer To Another<sup>®</sup>

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