

# PRODUCT DATA SHEET

# TACFlux®032-HF

## Water-Soluble

### Introduction

TACFlux®032-HF is a rework flux for Pb-free alloys in an air or inert gas reflow atmosphere. TACFlux®032-HF provides excellent wetting in air or nitrogen atmospheres. The flux is halogen-free per IEC61249-2-21.

### Properties

Industry Standard Test Results	
Test	Result
Flux Classification per ANSI/IPC J-STD-004B	ORHO
Halogen-Free per IEC 61249-2-21, Test Method EN14582	<900 ppm Cl <900 ppm Br <1500 ppm Total
Viscosity (C & P)*	13kcps
Tack	220g

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

Additional Test Results	
Test	Result
Appearance	Light Yellow-Amber
Maximum Reflow Temperature	260°C
Reflow Atmosphere	Air or Nitrogen
Shelf Life	One year @ 0–30°C
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®032-HF is available in 10cc and 30cc syringes or 100g jars, however other packaging can be provided to meet specific requirements.

### Cleaning

TACFlux®032-HF is designed for water-wash applications.

### Reflow

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

### Storage

TACFlux®032-HF syringes and cartridges should be stored tip down at 0–30°C. If refrigerated, TACFlux®032-HF 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®

Contact our engineers today: [askus@indium.com](mailto:askus@indium.com)

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ASIA +65 6268 8678 • CHINA +86 (0) 512 628 34900 • EUROPE +44 (0) 1908 580400 • USA +1 315 853 4900

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