

## PRODUCT DATA SHEET

# TACFlux® 066HF

## Water-Soluble

### Introduction

**TACFlux® 066HF** is a water-soluble rework flux designed to be used with common Sn/Pb and Pb-free alloys used in circuit board manufacturing. **TACFlux® 066HF** provides excellent wetting in air or nitrogen atmospheres. The flux and flux residue are halogen-free per IEC 61249-2-21.

### Properties

J-STD-004 (IPC-TM-650)	
Test	Result
Flux Type Classification	ORH0
Flux Induced Corrosion (Copper Mirror)	Type H
SIR	Pass
Viscosity (C & P)*	13kcps
Tack	220g

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

Additional Test Results	
Test	Result
Appearance	Light yellow-amber
Reflow Atmosphere	Nitrogen or air
Shelf Life	6 months
Storage Condition	Stored at -20–0°C (tip down for syringe or cartridge)

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

### Packaging

**TACFlux® 066HF** is available in 10 and 30cc syringes or 100g jars; however, other packaging can be provided to meet specific requirements.

### Cleaning

**TACFlux® 066HF** is designed for water-wash applications.

### Reflow

Peak reflow temperature should be 350°C in an air or nitrogen atmosphere.

### Storage

**TACFlux® 066HF** syringes and cartridges should be stored tip down at -20–0°C. If refrigerated, **TACFlux® 066HF** 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 Materials 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

Please refer to the SDS document within the product shipment, or contact our local team to receive a copy.

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.

All of Indium Corporation's solder paste and preform manufacturing facilities are IATF 16949:2016 certified. Indium Corporation is an ISO 9001:2015 registered company.

## From One Engineer To Another®

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

Learn more: [www.indium.com](http://www.indium.com)

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

Form No. 99638 (A4) R1



©2021 Indium Corporation