

# PRODUCT DATA SHEET

# Rosin Flux #784

## Introduction

**Rosin Flux #784** is a specially formulated activated rosin flux exhibiting excellent wetting power. The solvent system keeps evaporation losses to a minimum on continuous exposure to aeration and working conditions.

## Features

- High activity
- Leaves shiny solder joints
- Non-tacky board surface shortly after soldering
- Can be cleaned effectively using saponifiers or solvents

## Process Recommendations

**Rosin Flux #784** is formulated for use with foam flux operations, but can also be applied by dipping, brushing, and spraying. When foam fluxing, the following guidelines will provide best results:

- Keep foam head, wave height, or pot level consistent through appropriate adjustments. Replace flux every forty (40) hours of operation.
- Adjust specific gravity to the nominal level  $\pm 0.01$  either with automated equipment or manually with a hydrometer. Evaporated solvent should be replenished by addition of Indium Corporation's 16-784 thinner.
- Add fresh flux to maintain the appropriate level.
- Clean fluxing equipment regularly to remove debris, trapped oil, or water. Clean the foaming stone in 16-784 thinner.

## Safety Precautions

All fluxes with low flash points should be handled with utmost care and precaution. They should be stored in a dry, well-ventilated area, and flames, sparks, and direct heating should be avoided.

## Physical Properties

Test	Result	
	784	16-784
Color	Amber	Clear
Specific Gravity @ 15.5°C (60°F) @ 25°C (77°F)	0.842 0.838	0.842 0.787
Solids Content	15%	0%
Flash Point (°F TCC)	61	61
J-STD-004A Flux Type	ROH1	N/A
Shelf Life	3 years	N/A
Storage Requirements	5–32°C	N/A

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

## Packaging

- 1-gallon containers
- 5-gallon containers
- 55-gallon drums

## 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)

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