

PRODUCT DATA SHEET

Indalloy Flux #4-0A

Introduction

Indalloy Flux #4-0A is a clear liquid flux formulated for the purpose of soldering moderately easy to difficult metallizations such as nickel, oxidized copper, Kovar and brass. This flux contains organic salts in a water-free water-soluble solvent.

Cleaning

Flux residue removal is mandatory and may be accomplished by means of warm water and detergent. Cleaning should be performed as soon as possible after the soldering operation to avoid corrosion. The cleaning water temperature should not exceed 50°C. High water temperature may cause secondary reactions and result in corrosion and/or pitting. A warm water sonication can also help to remove flux residue.

Solder Alloy Compatibility

Indalloy Flux #4-0A works well with all types of soft solders.

Flux Application

Indalloy Flux #4-0A can be brushed or sprayed on.

Technical Specifications

Indium Part Number (IPN)	84004
Activation Range	100–250°C
Specific Gravity	0.875 gm/cc
Flash Point	11°C
Solids Content	23%
Appearance	Water White
Cleaning	Warm Water (<50°C) and Detergent
Shipping	Transport in accordance with applicable regulations and requirements.

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

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>

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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www.indium.com

askus@indium.com

ASIA: Singapore, Cheongju: +65 6268 8678
 CHINA: Suzhou, Shenzhen: +86 (0)512 628 34900
 EUROPE: Milton Keynes, Torino: +44 (0) 1908 580400
 USA: Utica, Clinton, Chicago, Rome: +1 315 853 4900



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