

PRODUCT DATA SHEET

615 IR Fusing Fluid

Introduction

615 IR Fusing Fluid is an organic, biodegradable liquid formulation developed for use in reflow of solder-plated printed circuit boards by infrared fusing equipment. **615 IR Fusing Fluid** adequately reduces the tarnish and prevents oxidation of newly created solder while it is in the molten state. The fused, dense solder surface preserves the solderability of the PCB.

Process Recommendations

615 IR Fusing Fluid is designed for fusing printed wiring boards and can be used with any infrared fusing machine. Automatic application by roller coat applicators is recommended to assure uniform board coverage.

Physical Properties

Test	Result
Color	Clear Liquid
Specific Gravity @ 77°F (25°C) @ 60°F (15.5°C)	0.928 0.932
Flash Point (°F TCC)	54
Acid Value	92.2

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

Thinning

Thinning of **615 IR Fusing Fluid** is not recommended.

Residue Removal

The residue of **615 IR Fusing Fluid** is completely soluble in water and easily removed from board surfaces by hand or automatic scrubber. Because the fumes are acidic, **615 IR Fusing Fluid** should be used in well-ventilated areas.

Packaging

615 IR Fusing Fluid is available in the following size containers:

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

Technical Support

Indium Corporation sets the industry standard in providing rapid response, onsite technical support for our customers worldwide. Indium Corporation's team of Technical Support Engineers can provide expertise in all aspects of materials science.

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[®]

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