

Product Data Sheet

Wave Solder Flux NR-10-D No-Clean Flux

Features

- Excellent wetting
- No unpleasant odor
- High SIR assemblies
- Meets the requirements of Bellcore standard TR-NWT-000078, Issue 3

Introduction

Wave Solder Flux #NR-10-D is a low solids, rosin/resin-free flux. It is specially formulated to be used for wave soldering where the cleaning process has been eliminated. Any post-soldering residues are considered non-corrosive. Soldered assemblies are ATE pin-testable without cleaning.

The preferred method of application of low solids fluxes is by ultrasonic spray. This flux can be used very effectively in a single or dual wave soldering system. Assemblies with surface-mounted components, leaded components, or a combination of both can all be soldered successfully with **#NR-10-D**.

Process Recommendations

#NR-10D should not require thinning when used in a closed spray fluxer system. If required the solids content of **#NR-10-D** may be maintained by the addition of #16-3000 Flux Thinner.

Physical Properties

Test	Result
Color:	Clear
Solids Content	1.5
Specific Gravity:	
@60°F	0.796
@77°F	0.791
Flash Point	54°F
Acid Value	12

Packaging

- 5 gallon containers
- 55 gallon drums

Safety and 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 away from flames, sparks and direct heat.

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.

Material Safety Data Sheet

The MSDS for this product can be found online at <http://www.indium.com/techlibrary/msds.php>

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.

Form No. 97819 R2

S O L D E R

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