



NEUTRA RINSE™ 40 POST-RINSE

For Electronic Finishing Applications

Regional Product Availability			
N.America	Japan/Korea	Asia	Europe
		✓	

DESCRIPTION

Neutra Rinse 40 is an effective post-rinse for parts plated in acid tin and tin-lead processes, e.g. Tin Gleam™ and the Rohm and Haas Electronic Materials Solderon™ series.

Neutra Rinse 40 will neutralise any acidic films left on components and will improve the solderability of the deposits.

ADVANTAGES

- Neutralizes acidic film left on tin and tin-lead plated components
- Improves solderability of components
- Minimized staining of plated components during handling

BATH MAKE UP

Neutra Rinse 40 Concentrate 30–40 g/l in tap water.

Note: Neutra Rinse 40 Concentrate is strongly alkaline and due caution should be exercised when handling both the concentrate and the prepared solution.

Operating Parameters	
Parameter	Range
Temperature	40–60°C
Agitation	Mild by movement of parts or barrel rotation
Time	1–10 seconds

After processing, the work should be rinsed thoroughly in cold and hot water before drying.

EQUIPMENT

Heaters: PVDF-clad panel heaters or stainless steel

Tanks: Steel, stainless steel or temperature stabilised polypropylene

BATH CONTROL

By analysis (see below). Regular rejection of fouled solution is recommended.

BATH ANALYSIS

I. Reagents

- Methyl orange indicator
- 0.5M hydrochloric acid

II. Procedure

- Take a 20 ml sample of working cleaner.
- Add 50 ml of distilled water.
- Titrate with 0.5M hydrochloric acid using methyl orange indicator to a red end point.

III. Calculation

Concentration Neutra Rinse 40 (g/l) =
ml HCl x M x 2.85

PRODUCT DATA

For the specific Product Data values, please refer to the Certificate of Analysis provided with the shipment of the product(s).

NEUTRA RINSE 40 POST-RINSE

HANDLING PRECAUTIONS

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

CAUTION! Keep combustible and/or flammable products and their vapors away from heat, sparks, flames and other sources of ignition including static discharge. Processing or operating at temperatures near or above product flashpoint may pose a fire hazard. Use appropriate grounding and bonding techniques to manage static discharge hazards.

CAUTION! Failure to maintain proper volume level when using immersion heaters can expose tank and solution to excessive heat resulting in a possible combustion hazard, particularly when plastic tanks are used.

STORAGE

Store products in tightly closed original containers at temperatures recommended on the product label.

DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Rohm and Haas Electronic Materials Technical Representative for more information.

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