

PROCIRC 9945

HOT AIR LEVELLING FLUX

INTRODUCTION

Procirc 9945 Hot Air Levelling Flux is a water soluble, stabilised flux which has been formulated for all P.C. board types. Procirc 9945 is non-foaming for safe operation in all types of machine. The flux is heat stable and developed to give low smoke. It can be applied by either dipping or roller coating.

BENEFITS

Mirror finish with no white residues.

Non foaming and minimal smoking for safe use in all types of machine.

Low ionic contamination of the surface retains high insulation properties.

Completely water soluble flux for effective water washing.

Biodegradable for environmental safety.

Multi-functional flux for use on all types of application.

SOLUTION MAKE-UP

Procirc 9945 Hot Air Levelling Flux - Ready to use.

OPERATING DATA

S.G. (25°C)	1.11g/cm ³
Viscosity (25°C)	130-155 cps
Flash point (COC)	300°C

EQUIPMENT

Can be used in dip or roller applications.

INSTALLATION

It is essential that the tanks to be used for Procirc 9945 HAL flux are thoroughly cleaned before any chemistry is introduced.

Contact PMD (UK) Limited Technical Department for appropriate procedure.

PROCESS SEQUENCE

1. Microetch in Procirc 921, 923 or SP263 Microetch.
2. Rinse.
3. Dry (Preferable).
4. Procirc 9945 Hot Air Levelling Flux application (roller or dip).
5. Solder level.
6. Wash off.
7. Dry.

MAINTENANCE AND CONTROL

Under optimum processing conditions it is not necessary to carry out analytical maintenance and control in order to maintain the performance of this product.

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products or product families are referred to in this data sheet.

<u>Product Name</u>	<u>Product Number</u>
Procirc 9945 Hot Air Levelling Flux	997008
Procirc 921 Microetchant	923001
Procirc SP263 Microetchant	923003
Procirc 923 Microetch	927001

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