



PROCIRC 9975

HASL Flux

INTRODUCTION

Procirc 9975 is a heat stable organic flux used in vertical hot air levelling.

It is water soluble, non-foaming and is easily removed by rinsing the printed circuit boards in water.

Procirc 9975 shows very little carbonisation.

Suitable for both lead free and leaded applications

BENEFITS

- Non-drying, therefore blanketing the molten solder to prevent re-oxidation as well as preventing solder balls sticking to the solder mask or laminate.
- First time coverage of difficult SMD pads.
- Gives excellent protection to White Solder mask ensuring no discolouration.
- High SIR-values better than 10^{10} Ohm can be obtained in vertical HAL
- Complete edge coverage.
- Low copper dissolution
- Biodegradable.

SOLUTION CHARACTERISTICS

Specific Gravity (25°C)	1.1g/cm ³
Viscosity (25°C)	280cps
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 9975 HAL Flux are thoroughly cleaned before any chemistry is introduced.

Contact PMD Technical Department for appropriate procedure.

PROCESS SEQUENCE

1. Microetch in Procirc 921, 923 or SP263 Microetch.
2. Rinse.
3. Dry (Preferable).
4. Procirc 9975 HASL 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 are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
Procirc 9975 HASL Flux	997026
Procirc 921 Microetch	923001
Procirc 923 Microetch	927001
Procirc SP263 Microetch	923003

Whilst every endeavour has been made to ensure that the information given in this data sheet is correct, PMD Chemicals Limited gives no warranty, express or implied, relating to the use or performance of this product.