

PMD (UK) LTD PROCESS DATA

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MFS1260-01/03
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MFS 1260 **HOT OIL REFLOW FLUX**

INTRODUCTION

MFS 1260 Hot Oil Reflow Flux is formulated, for use with MFS 1290 Reflow/HASL Oil for the fusing of plated Tin Lead on Printed Circuit Boards.

BENEFITS

Mirror tin/lead finish.

Fully biodegradable.

Low viscosity for economical usage.

SOLUTION MAKE-UP

MFS 1260 Hot Oil Reflow Flux - Ready for use.

EQUIPMENT

Can be used in dip or roller applications.

INSTALLATION

It is essential that the tanks to be used for MFS 1260 Hot Oil Reflow Flux are thoroughly cleaned before any chemistry is introduced.

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

**MFS1260-01/03
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PROCESS SEQUENCE

1. Condition in Procirc or MFS Solder Conditioners.
2. Rinse.
3. Dry (Preferable).
4. MFS 1260 Hot Oil Reflow Flux application (roller or dip).
5. Pre heat MFS 1290 Reflow/HASL Oil, 10 - 15 seconds @ 150 deg C.
6. Main Reflow MFS 1290 Reflow/HASL Oil, 15 - 30 seconds @ 210 - 220 deg C.
7. Quench MFS 1290 Reflow/HASL Oil, 10 - 15 seconds @ 120 deg C.
8. Wash off and dry.

MAINTENANCE AND CONTROL

Under optimum 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>
MFS 1201 Solder Conditioner	987030
Procirc 986 Solder Conditioner	987012
Procirc 9870 Solder Conditioner	987014
Procirc 985 Solder Conditioner	987010
MFS 1290 Reflow/HASL Oil	994020
MFS 1260 Hot Oil Reflow Flux	997045

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