

PMD (UK) LTD PROCESS DATA

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LACOSEAL-05/02
ISSUE 1
PREV

LACOSEAL

INTRODUCTION

Lacoseal is a water based clear lacquer which will give increased corrosion protection to zinc plate, chromated zinc and other metals.

BENEFITS

- Enhanced corrosion resistance
- Colourless lacquer
- Dip application
- No drying required before application
- Fast air drying
- Low viscosity

SOLUTION MAKE-UP

| | |
|----------|------------|
| Lacoseal | 15-30% v/v |
|----------|------------|

OPERATING DATA

| | |
|-------------|---------------|
| pH | 7.2-8.5 |
| Temperature | 18 - 38 deg C |
| Time | 10 – 30 secs |

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EQUIPMENT

| | |
|---------|--|
| Tanks | Stainless steel, PVC, polypropylene |
| Heaters | Stainless steel, PTFE immersion with thermostatic control. |

INSTALLATION

It is essential that the tanks to be used for Lacoseal are thoroughly cleaned and leached before any product is introduced.

If in any doubt as to the cleaning procedure please contact PMD (UK) Limited Technical Department.

1. Thoroughly clean the process tank with water and pump out.
2. Fill the tank approximately 50% with water.
3. Add the required quantity of Lacoseal, top up with water and mix thoroughly.
4. Heat to 27°C

MAINTENANCE AND CONTROL

Maintain the pH at 7.2-8.5 with ammonia.

Lacoseal is consumed by dragout. Replace solution losses with 30% Lacoseal solution.

NOTES ON THE USE OF PMD LACOSEAL

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|---------------|--|
| Pre-treatment | Pre-clean the metal surface using normal degreasing cleaners to ensure no water breaks. When using in a plating process line the work can enter the lacquer after thorough post-plate or post passivate rinsing. |
| Jigs | Clean jigs in water immediately after use to avoid excessive build-up. Jigs maybe cleaned in alkaline soak cleaners. |

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

| <u>Product Name</u> | <u>Product Number</u> |
|---------------------|-----------------------|
| Lacoseal | 241003 |

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