FOCUS TECH PROCESS CHEMICALS

Technical Data Sheet

Focus Tech PC-1532

Metal Cleaner/Adhesion Promoter

Product Description

PC-1532 is a highly concentrated, sprayable acid cleaner designed specifically to improve dry film photoresist adhesion on smooth metal surfaces. PC-1532 will completely remove any chromate conversion coatings as well as light oils and fingerprints. PC-1532 imparts an ultra thin polymer coating on the metal surface that improves dry film adhesion and protects the metal surface from oxidation prior to lamination. PC-1532 is an excellent choice for improving dry film adhesion on any metal surface but it is particularly useful when laminating photoresist to smooth surfaces.

Physical Properties

Specific gravity:	1.1
pH:	< 2
Appearance:	clear, water white to light amber liquid

Operating Parameters

Concentration:	10 – 20% v/v
Temperature:	120 – 130 °F

Analytical Procedure

Materials required:

1. 250 ml Erlenmeyer flask
2. 20 ml pipette
3. 1.0 N NaOH
4. phenolphthalein indicator

Procedure:

1. Pipette 20 mls of working solution into the Erlenmeyer flask and add 100 mls of DI water.
2. Add 5 drops of phenolphthalein indicator.
3. Titrate with 1.0 N NaOH from clear to a purple endpoint.

Calculation:

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PC-1532 concentration (% v/v) = mls 1.0 N NaOH used X 0.833

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Storage

Store in original containers above 40 °F.

Safety

CAUTION! PC-1532 concentrates and working solutions contain strong acidic ingredients. Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

Notice

The information and recommendations, contained herein, regarding this product are, to the best of our knowledge, true and accurate. We make no guarantee of results because the conditions of actual use are beyond our control. We assume no liability for damages or penalties resulting from the use of this product or following our recommendations. Our recommendations and suggestions for use of this product are not intended to grant license to operate under or infringe any patent.

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