

TECHNICAL DATA SHEET

PHOS-PREP® PP973 CHROME FREE SEALANT

Use: Dilution: 0.3% to 0.5% by volume
Temperature: Ambient
Time: Approximately 1 to 3 minutes

Application: PHOS-PREP® PP973 is an additive for the final rinse of a spray or immersion iron phosphate line to inhibit the parts that have been phosphated against corrosion prior to painting. The use of PHOS-PREP® PP973 is required where there is a possibility of a delay to the painting of parts that have been phosphated. The product is suitable for use on steel, aluminium and zinc surfaces, and imparts flash corrosion resistance to all these substrates. PHOS-PREP® PP973 also increases considerably the long term corrosion resistance of parts that have been iron phosphated and extends the humidity and salt spray results. PHOS-PREP® PP973 is economic in use and easily controlled.

Testing and control: Control of the strength of PHOS-PREP® PP973 working bath is achieved by a simple acid/alkali titration using Bromo-Phenol Blue as an indicator. The test solution is N/10 (0.1 M) Hydrochloric test solution.

The test is carried out by taking a 45ml sample of PHOS-PREP® PP973 working solution and adding a few drops of Bromo-Phenol Blue, the solution turns purple.

The test solution is added until the solution turns a permanent yellow end point. An addition of 3ml indicates that the working solution is at a strength of 0.3%.

Handling and Personnel Safety:

There are no special storage requirements for this product. When handling the product, protective PVC gloves, apron and goggles to BS 2092C should be worn.

In the event of a spillage or contact with skin or clothing, drench with plenty of water. In case of eye contact, irrigate with copious amounts of clean water and seek medical attention immediately.

Product safety data sheet:

A safety data sheet is available

PHOS-PREP® PP973 is part of the PHOS-PREP® range of products for the treatment of iron, steel and aluminium at low temperatures.

Pre Treatment Solutions Ltd continues to improve the quality and performance of its range of products and reserves the right to modify product formulations without prior notice.

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