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HIGHLIGHTS

HIGHLIGHT REFERENCE

DESCRIPTION OF CHANGE

tk70-00-99-801-818 [Technical Change: Changed title of the procedure. Also, changed procedure to prepare, check, and regenerate solution.](#)

TASK 70-00-99-801-818

1. Composition.

A. The following solution is used as hexavalent chromium free chemical conversion coating and anodization sealant.

Subtask 70-00-99-350-032

Consumable Product	No.	Concentration (Initial Mix)
Socosurf TCS	C03-124	31 - 41% V/V

2. Preparation

Subtask 70-00-99-350-010

WARNING: REFER TO THE PRODUCT LABEL AND THE MANUFACTURER'S (MATERIAL) SAFETY DATA SHEET (SDS) FOR INSTRUCTIONS ON THE HAZARDS, STORAGE, SAFE HANDLING AND PROPER USE OF THIS PRODUCT.

WARNING: OPERATOR SHOULD WEAR FACE SHIELD, GLOVES, PROTECTIVE CLOTHING, AND PROTECTIVE SHOES.

- A. Fill the bottom of the tank with demineralized water.
- B. Add the required quantity of Socosurf TCS C03-124, top with demineralized water up to the optimal fill level and stir.
- C. Control the solution pH to be 3.8-4 and do as follows:

(1) Measure the pH when the bath is at operating temperature.

D. If the pH is less than 3.8, use ammonia diluted to 5% to increase the pH, and if the pH is more than 4, use sulfuric acid diluted to 5% to decrease the pH.

3. Check.

Subtask 70-00-99-350-011

A. Maintain the operating concentration limit and pH of solution by following manufacturer's control procedures.

4. Regeneration.

Subtask 70-00-99-350-012

A. If required, follow the manufacturer's regeneration procedures to maintain the solution.

B. Discard the solution when it is no longer effective.

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