

## DISCLAIMER

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### HIGHLIGHTS

HIGHLIGHT REFERENCE

DESCRIPTION OF CHANGE

tk70-00-99-801-819      [Technical Change: Changed title of the procedure. Also, changed procedure to prepare, check, and regenerate solution.](#)

TASK 70-00-99-801-819

1. Composition.

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

Subtask 70-00-99-350-033

Consumable Product	No.	Concentration (Initial Mix)
Socosurf PACS	C03-125	8-12% (v/v)
Hydrogen Peroxide (35% Technical Grade)	C04-309	5-7% (v/v)

NOTE: Other concentration raw materials can be used if the concentration given in table is obtained.

2. Preparation.

Subtask 70-00-99-350-018

**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 CONSUMABLE PRODUCTS.**

**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 PACS C03-125 and hydrogen peroxide C04-309, top with demineralized water up to the optimal fill level and stir.
- C. Control the pH of the solution to be 4.2-5.3.
- D. If the pH is less than 4.2, use ammonia diluted to 5% to increase the pH, and if the pH is more than 5.3, use nitric acid diluted to 5% to decrease the pH.

3. Check.

Subtask 70-00-99-350-019

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

4. Regeneration.

Subtask 70-00-99-350-020

- 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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