



Specialty 740 Cleaner

1. Description

Specialty 740 is a high performance, non-caustic, non-silicated, alkaline cleaner, that is very effective in the removal of soils from aluminum surfaces. When used as directed, Specialty 740 will not etch the part surface.

2. Application instructions

Concentration: 8.5-10 oz/gal

Temperature: 130-160°F

Immersion time: 3-10 minutes, depending on soil

3. Conditions for using Specialty 740

Water: Deionized or good quality tap water.

Tank: Tank and associated equipment should be constructed of stainless steel or other acid resistant material that can withstand a constant operating temperature of 160°F.

Temperature: Automatic temperature control is recommended.
If operated above 160°F, aluminum will start to etch.

Concentration: If concentration falls below 8.5 oz/gal, aluminum will start to etch.

4. Solution makeup

1. Fill tank $\frac{3}{4}$ full of water and heat to 150°F.
2. Add required amount of Specialty 740 to the water slowly stirring.
3. Add water to operating level, mix again and heat to operating temperature.

5. Titration procedure

Reagents: 0.1% Methyl orange indicator
1.0N sulfuric acid

Procedure: 1. Take a 50-ml cooled sample of working solution.
2. Add 4 drops of methyl orange indicator.
3. Titrate with 1.0N sulfuric acid to an orange/red endpoint.

Calculation: **oz/gal of Specialty 740** = ml of 1.0N sulfuric acid x 0.36

6. Storage

Store in original container in a cool dry location.
In humid environments, powder will harden.
Keep away from oxidizing material.

7. Packaging

50 lb.
100 lb.
400 lb.

8. Product safety

We recommend that the company/operator read and review the **Material Safety Data Sheet** for the appropriate health and safety warnings before use.

U.S. Specialty Color Corporation® recommendations, notices or instructions as to handling, use, storage of any product, including its use alone or in combination with other products, or as to any apparatus or process for the use of any product, are based upon information believed to be reliable, but U.S. Specialty Color Corporation® shall have no liability with respect to any recommendations or instructions. U.S. Specialty Color Corporation® sole and exclusive warranty is that its products comply with U.S. Specialty Color Corporation® published chemical and physical specifications. U.S. Specialty Color Corporation® makes no other warranties, other express or implied with respect to its recommendations, instructions, products, apparatus, and process or otherwise and specifically disclaims any implied warranties of merchantability, suitability, fitness for a particular or otherwise.

4/20/12
Specialty 740