

# SMI, Inc.

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Attn: Ms. Nahid  
Top Chemical Industries Inc.  
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975-1500 West Georgia St  
Vancouver, B.C. Canada V6G 2Z6

Date: 18-Sep-2006

SMI REF: 0608-873-2

Product: **TOP AIRCRAFT PAINT STRIPPER EF 6600-B** (received 29-Aug-2006)

Dilution: Ready to Use

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*Partial testing in accordance with:*

**BOEING D6-17487, Revision P**

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Sandwich Corrosion Test

Conforms

Hydrogen Embrittlement Test

Conforms

Respectfully Submitted,



Patricia D. Viani, SMI Inc.

Client: Top Chemical Industries, Inc.  
Product: TOP AIRCRAFT PAINT STRIPPER EF 6600-B  
Dilution: Ready to Use  
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Sandwich Corrosion Test: Specimen preparation, testing, and interpretation shall be in accordance with ASTM F1110 using the following materials and with the following exceptions:

1. Reagents and materials exception:
  - (1). Clad 7075-T6 aluminum alloy in accordance with QQ-A-250/13 (AMS 4049 or AMS-QQ-A-250/13 optional) (2024-T3 Alclad specimens are neither required nor optional.)
  - (2) Bare 7075-T6 aluminum alloy in accordance with QQ-A-250/12 (AMS 4045 or AMS-Q-A-250/12 optional) anodized in accordance with BAC 5019 or MIL-A-8625, Type I. Anodize shall be sealed. (2024-T3 nonclad specimens are neither required nor optional).
  - (3) Distilled or deionized water may be used in place of ASTM F1193, Type IV reagent grade water for control specimens.
  - (4) The filter paper may be Whatman No. 5 or equivalent in place of Whatman GFA glass fiber paper.
2. Procedure exceptions:
  - (1) The filter paper strips shall be 1 by 3 inches and shall be placed in the center of the sandwiched specimens.
  - (2) Each sandwich specimen shall be held together with waterproof tape, with no more than 1 piece of tape (maximum width 0.75 inch) on each of two opposite edges.
3. Interpretation of result exceptions:
  - (1) Leaching or lightening of the chromate sealed anodize coating shall not be cause for rejection.
  - (2) Deposits or residues from the material being tested that are not products of corrosion of the test panel surface shall not be cause for rejection.
  - (3) Special procedure for evaluation of fire extinguishing foams and liquids.
  - (4) Panels shall have a rating of 1 (no more than 5 percent of the surface area shall be corroded) or better in accordance with ASTM F 1110. The preferred method of determining the corroded area is by using image analysis. Other means approved by the purchaser may be substituted.
  - (5) Any corrosion in excess of that shown by the control group shall be cause for rejection.

	Bare 7075-T6 (AMS 4045) Anodized per BAC 5019 (Type 3 chromate seal)	Clad 7075-T6 Aluminum (AMS 4049)
<b>STRIPPER</b>	1	1
Control	1	1

Result Conforms

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Hydrogen Embrittlement Test:

Hydrogen Embrittlement testing shall be in accordance with ASTM F 519-93, using cadmium plated Type 1a, 1c, or 2a specimens. All requirements of ASTM F519-93 for specimens, preparation, testing, and reporting shall apply. Type 1a specimens shall meet the requirements of D6-4307.

***Specimens: Type 1c, cadmium plated per Treatment B of ASTM F519.***

***Parameters: 45% load, immersed for duration (150 hours), room temperature.***

***No failures occurred within 150 hours.***

Result Conforms