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Attn: Bobbie Pettit
Hi-Lite Solutions, Inc.
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Date: 17-Jun-2010

SMI/REF: 1005-424A

Product: **AERO-GREEN 4015 EXTERIOR AIRCRAFT CLEANER**
(received 19-May-2010)

Dilution: As received and 8:1

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BOEING D6-17487 REVISION P
Exterior and General Cleaners and Liquid Waxes,
Polishes and Polishing Compounds

Sandwich Corrosion Test	<u>Conforms</u>
Acrylic Crazing Test	<u>Conforms</u>
Paint Softening Test	<u>Conforms</u>
Hydrogen Embrittlement Test	<u>Conforms</u>

Respectfully submitted,



Patricia D. Viani, SMI, Inc.

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Acrylic Craziing Test:

The material being tested shall not craze, crack, or etch acrylic test specimens when tested in accordance with ASTM F 484 using Type C (stretched acrylic plastic in accordance with MIL-P-25690) stressed to an outer fiber stress of 4500 psi.

Type C (MIL-P-25690) Concentrate: No crazing, cracking or etching.

Dilute: No crazing, cracking, or etching.

Result Conforms

Paint Softening Test:

a. Testing shall be in accordance with ASTM F502 using the following coating systems.

Paint system 1: BMS 10-79, Type II primer applied in accordance with BAC 5882 plus BMS 10-60, Type II enamel in accordance with BAC 5845.

Paint system 2: BMS 10-79, Type III primer applied in accordance with BAC 5882, plus BMS 10-100 coating in accordance with BAC 5795.

b. Three specimens conforming to Section 13a.(1) and three specimens conforming to Section 13a(2) shall be used for each test condition.

c. The material being tested shall not produce a decrease in film hardness greater than two pencils, or any discoloration or staining.

NOTE: Slight darkening of the BMS 10-100 surface is acceptable.

Concentrate: Paint system 1: 0 pencil hardness change after 24 hour post-exposure dry time.

Paint system 2: 0 pencil hardness change after 24 hour post-exposure dry time.
Slight discoloration.

Dilute: Paint system 1: 0 pencil hardness change after 24 hour post-exposure dry time.

Paint system 2: 0 pencil hardness change after 24 hour post-exposure dry time.
Slight discoloration.

Result Conforms

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 MIL-STD-870.

Parameters: 45% load, immersed 150 hours,max; 22°C – 27°C

Concentrate: No failures occurred within 150 hours.

Dilute: No failures occurred within 150 hours.

Result Conforms