

## Extreme Simple Green® Aircraft & Precision Cleaner

AMS 1526B TECHNICAL REQUIREMENTS	CROSS-REFERENCE TO OTHER COMPLETED TEST PROTOCOLS
3.1 Material – must meet 3.2	Boeing D6-17487 Rev. P, and MIL-PRF-87937D conducted for Type IV classification of cleaner.
3.2 Properties ASTM D 1193, Type IV	
3.2.1.1 Sandwich Corrosion ASTM F 1110 (Rating not worse than 1)	<b>Conforms</b> to Boeing D6-17487 Rev P, which specifies ASTM F1110. (Conformed with no exceptions.) Also conforms to ASTM D 1193.
3.2.1.2 Total Immersion Corrosion ASTM F483: AMS-4037 anodized AMS-2470 (wt. chg 0.3) AMS-4041 (wt. chg 0.3) AMS-4049 (wt. chg 0.3) AMS-4376 treated as in AMS-2475 (wt chg 0.2) AMS-4911 (wt. chg 0.1) AMS-5045 (wt. chg 0.8)	<b>Conforms</b> to MIL-PRF-87937D, which specifies ASTM F483. Product has passed this test at 10% solution. We are currently checking even higher dilutions to determine range of corrosion inhibition.
3.2.1.3 Low-Embrittling Cad Plate ASTM F1111 No greater than 0.3 mg/cm <sup>2</sup> per 24 hrs	<b>Conforms:</b> MIL-PRF-87937D = 0.04 full-strength 0.37 @ 10%
3.2.2 Hydrogen Embrittlement ASTM F519 Type 1a, 1c, or 2a	<b>Conforms</b> to Boeing D6-17487 Rev. P, which specifies ASTM F519-93, 1c
3.2.3 Flash Point ASTM D 56 (not lower than 140F)	<b>Conforms</b> to MIL-PRF-87937D which specifies ASTM D 56 (no flash point observed to initial boiling point)
3.2.4 Transparent Acrylic Plastics ASTM F484	<b>Conforms</b> to Boeing D6-17487 Rev P, which specifies ASTM F484
3.2.5 Painted Surfaces ASTM F502 (no more than 2 pencil hardness levels)	<b>Conforms</b> to Boeing D6-17487 Rev. P, which specifies ASTM F502
3.2.6 Unpainted Surfaces ASTM F485 no streaking or staining	<b>Conforms</b> to MIL-PRF-87937-D
3.2.7 Storage Stability ASTM F 1105	*Conforms to MIL-PRF-87937D Heat & Cold stability requirements. Product is within first year of production, so 1-year storage stability conformance is not yet confirmed (looks good, though.)