SMI, Inc.

12219 SW 131 Avenue
Miami, Florida 33186-6401 USA

Phone: (305) 971-7047
Fax: (305) 971-7048

Attn: Dirk Van Laer
Dend BVBA
Ambachtsstraat 46b
2390 Malle
BELGIUM

Date: 31-Jul-2000

SMI/REF: 00JUL298

Product: **DEXTAIR** (received 21-Jul-2000)

Dilution: As received and 10 percent

AMS 1526B
Cleaner for Aircraft Exterior Surfaces
Water-Miscible, Pressure-Spraying Type

3.2.1.1	Sandwich Corrosion	Conforms
3.2.1.2	Total Immersion Corrosion	Conforms
3.2.1.3	Low-Embrittling Cadmium Plate	Conforms
3.2.2	Hydrogen Embrittlement	Conforms
3.2.3	Flash Point	Conforms
3.2.4	Effect on Transparent Acrylic Plastics	Conforms
3.2.5	Effect on Painted Surfaces	Conforms
3.2.6	Effect on Unpainted Surfaces	Conforms
3.2.7	Storage Stability	Not performed

Respectfully submitted,

Patricia D. Viani, SMI Inc.

3.2.1.1 Sandwich Corrosion: Specimens, after test, shall show a rating not worse than 1 determined in accordance with ASTM F 1110.

	2024-T3 Anodized	2024-T3 Alclad	7075-T6 Anodized	7075-T6 Alclad
Concentrate	1	1	1	1
Dilute	1	1	1	1
Control	1	1	1	1

Result Conforms

3.2.1.2 Total Immersion Corrosion: The product shall neither show evidence of corrosion of the panels nor cause a weight change of any test panel greater than the following, determined in accordance with ASTM F 483:

PANEL	ALLOWABLE WEIGHT CHANGE $mg/cm^2/24hrs$	FOUND	
		As rec'd	Dilute
AMS 4037 Aluminum Alloy, anodized per AMS 2470	0.3	< 0.01	0.03*
AMS 4041 Aluminum Alloy	0.3	< 0.01	< 0.01*
AMS 4049 Aluminum Alloy	0.3	< 0.01	< 0.01
AMS 4376 Magnesium Alloy, dichromate treated as in AMS 2475	0.2	< 0.01	< 0.01
AMS 4911 Titanium Alloy	0.1	< 0.01	< 0.01
AMS 5045 Carbon Steel	0.8	< 0.01	< 0.01

darkened / discolored; no visible corrosion.

Result Conforms

3.2.1.3 Low-Embrittling Cadmium Plate: Panels coated with low-embrittling cadmium plate shall not show a weight change greater than 0.3 mg/cm^2 per 24 hours, determined in accordance with ASTM F 1111.

As received: ***0.11 mg/cm^2 (no visible corrosion)***
Dilute: ***0.03 mg/cm^2 (no visible corrosion)***

Result Conforms

3.2.2 Hydrogen Embrittlement: The product shall be non-embrittling, determined in accordance with ASTM F 519, Type 1C.

As received: ***No failures within 150 hours.***
Dilute: ***No failures within 150 hours.***

Result Conforms

3.2.3 Flash Point: The flash point shall not be lower than 60°C (140°F), determined in accordance with ASTM D 56.

No flash to 141°F

Result Conforms

3.2.4 Effect on Transparent Acrylic Plastics: There shall be no crazing or staining of stretched MIL-P-25690 plastic, determined in accordance with ASTM F 484.

As received: PASS ***Dilute: PASS***

Result Conforms

3.2.5 Effect on Painted Surfaces: The product shall neither decrease the hardness of the paint film by more than 2 pencil hardness levels nor shall it produce any streaking, discoloration or blistering of the paint film, determined in accordance with ASTM F 502.

As received: PASS ***Dilute: PASS***

Result Conforms

3.2.6 Effect on Unpainted Surfaces: The product, tested in accordance with ASTM F 485, shall neither produce streaking nor leave any stains requiring polishing to remove.

As received: PASS ***Dilute: PASS***

Result Conforms

3.2.7 Storage Stability: The product shall neither show separation from exposure to heat or cold nor show an increase in turbidity greater than a control sample equally diluted to use concentration with ASTM D 1193, Type IV water, determined in accordance with ASTM D 1105.

Result Not performed