

SMI, Inc.

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Attn: Onofre Ortiz
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Date: 11-Apr-2002
SMI/REF: 02APR636R

Product: **SW-8 AIRCRAFT & WEAPONS** (received 03-Apr-2002)

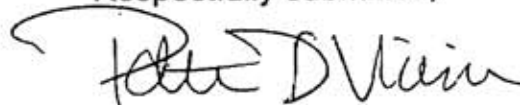
Dilution: Ready to Use

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REPORT OF TEST

Flash Point	<u>Informational</u>
pH	<u>Informational</u>
Drying Point	<u>Conforms</u>
Appearance	<u>Conforms</u>
Total Immersion Corrosion	<u>Conforms</u>

Respectfully submitted,



Patricia D. Viani, SMI Inc.

SCIENTIFIC MATERIAL INTERNATIONAL

www.smiinc.com

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Flash Point: ASTM D 92

No flash point observed to initial boiling point (212°F)

Result Informational

pH: ASTM E 70

pH: 8.6

Result Informational

Drying Point:

The manufacturer's suggested working concentration of the cleaning compound show not exceed 206.7°C (404°F) drying point, when tested in accordance with ASTM D 86 "Standard Test Method for Distillation of Petroleum Products".

drying point: 102°C (215.6°F)

Result Conforms

Appearance:

The appearance of the manufacturer's suggested working concentration of the cleaning compound shall be free of separation and be evenly dispersed.

No evidence of separation or colloidal dispersions.

Result Conforms

Total Immersion Corrosion:

The manufacturer's suggested working concentration of the cleaning compound shall not show any indication of staining, etching, pitting, or localized attack on the test panels, or cause weight change to an average of three (3) test panels greater than that shown in Table 1.

Total Immersion Corrosion: (continued)

Table I: Alloy and Maximum Average Weight Loss

Alloy	Maximum Average Weight Loss (mg/cm ² /168hrs)	Observed (mg/cm ² /168hrs)
PH 13-8 Mo	0.49	0.03 ^{nvc}
C-250	0.49	0.04 ^{nvc}
Magnesium AZ31B-H24	0.70	+ 0.02 ^{nvc}
Aluminum 7075-T6 (AMS 4045)	0.49	0.09* ^{nvc}
Titanium 6Al-4V (AMS 4911)	0.35	0.01 ^{nvc}
Steel 4340	0.49	0.02 ^{nvc}
Aluminum 2024-T3 (AMS 4037)	0.49	0.03* ^{nvc}
Aluminum 6061-T6 (AMS 4027)	0.49	0.04 ^{nvc}

nvc: no visible corrosion

**: slight iridescent discoloration*

Result Conforms