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Attn: Niko Martschenke
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Date: 15-Sep-2014

SMI/REF: 1408-014

Product: **GOLDEN BULL READYMIX**
(received 28-Aug-2014)

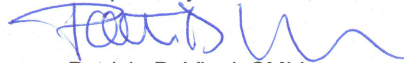
Dilution: As received

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Boeing D6-7127 Rev P incorporating PDD 6-8 (21 June 12)
CLEANING INTERIORS OF COMMERCIAL TRANSPORT AIRCRAFT
Category: Leather and Naugahyde Cleaners

| | | |
|---------|----------------------------|----------------------|
| 11.3.1 | Sandwich Corrosion | <u>Conforms</u> |
| 11.3.2 | Immersion Corrosion Test | <u>Conforms</u> |
| 11.3.9 | Leather and Naugahyde Test | <u>Conforms</u> |
| 11.3.10 | Flash Point Test | <u>Informational</u> |
| 11.3.11 | Polycarbonate Crazing Test | <u>Conforms</u> |

Respectfully submitted,



Patricia D. Viani, SMI Inc.

Client: Ludwig G. Mannhalter
 Product: **GOLDEN BULL READYMIX**
 Dilution: As received
 Boeing D6-7127

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11.3.1 Sandwich Corrosion Test: Corrosion in excess of that on the control panel constitutes failure when tested in accordance with Section 12.1.

| | Clad 7075-T6 Aluminum (AMS 4049) | Bare 7075-T6 Aluminum (AMS 4045) anodized per Mil-A-8625 Type I |
|----------------|----------------------------------|---|
| Product | 1 | 1 |
| Control | 1 | 1 |

Result Conforms

11.3.2 Immersion Corrosion Test: The average weight change of each test specimen shall not exceed ± 10 mg in a 24 hour immersion period when tested in accordance with Section 12.2.

| | Allowed (per 1"x2" panel) | Product (average wgt chg) |
|--|---------------------------|---------------------------|
| Clad 2024-T3 Aluminum (QQ-A-250/5) | ± 10 mg / 24 hrs | 0.3 mg |
| Bare 2024-T3 Aluminum (QQ-A-250/4) alodined per MIL-C-5541 | | < 0.1 mg |
| Bare 2024-T3 Aluminum (QQ-A-250/4) anodized per MIL-A-8625 Ty I | | 1.3 mg |
| Bare 7178-T6 Aluminum (QQ-A-250/14) anodized per MIL-A-8625 Ty I | | 3.0 mg |

Result Conforms

11.3.9 Leather and Naugahyde Test: When tested in accordance with Section 12.9 and Section 7c., the following is required:

- Leather: a. *Scratching or brittleness of exposed specimen constitutes test failure.*
No scratching or brittleness of exposed specimen.
 b. *Greater than minimal color change or staining constitutes test failure.*
No color change or staining.

Result Conforms

- Naugahyde: a. *Scratching or brittleness of exposed specimen constitutes test failure.*
No scratching or brittleness of exposed specimen.
 b. *Greater than minimal color change or staining constitutes test failure.*
No color change or staining.

Result Conforms

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11.3.10 Flash Point Test: All cleaning candidates having a flash point shall be approved by Fire Protection Engineering before they can be evaluated for use.

As received: No flash point observed to 212°F

Result Informational

11.3.11 Polycarbonate Crazing Test: Any cracking or crazing of the polycarbonate sheet constitutes failure, when tested in accordance with Section 12.11.
(Strain = 0.008; 10 minute exposure)

LEXAN 9600:

As received: No cracking or crazing

BMS8-400 BAC 70913:

As received: No cracking or crazing

Result Conforms