

The Boeing Company
P.O. Box 3707
Seattle, WA 98124-2207

June 12, 2002
BTS-02-7370



Robert Vitale
Midwest Industrial Supply, Inc.
P.O. Box 8431
Canton, Ohio 44711
Fax: (330) 456-3247
Phone: (330)-456-3121

Dear Mr. Vitale:

Midwest's EnviroKleen[®] product, identified as EnviroKleen[®] C, has been confirmed by Boeing-performed testing to have passed all requirements of Boeing's D6-17487, Rev. N "Testing of Airplane Maintenance Materials."

Sincerely,

The Boeing Company
acting through
BOEING TECHNOLOGY SERVICES

A handwritten signature in blue ink that reads "Kenneth J. Cooper".

Kenneth J. Cooper
Contracts Manager

The Boeing Company
P.O. Box 3707
Seattle, WA 98124-2207

August 17, 1999
B-XP03-BTS99-213



Mr. Robert Vitale
Midwest Industrial Supply, Inc.
1101 3rd Street SE
Canton, Ohio 44707
Phone: (330) 456-3121
Fax: (330) 456-3247

Dear Mr. Vitale:

EnviroKleen® has been confirmed by Boeing-performed testing to meet the Boeing Specification D6-17487, Evaluation of Aircraft Maintenance Materials. EnviroKleen® will be non-injurious to aircraft surfaces when used as a dust suppressant as specified by Midwest Industrial Supply, Inc.

Sincerely,

The Boeing Company
acting through
BOEING TECHNOLOGY SERVICES

A handwritten signature in blue ink that reads "Kenneth J. Cooper".

Kenneth J. Cooper
Contracts Manager

BOEING MATERIALS TECHNOLOGY

To: David Pollock MS 73-40

CC: Cindy Carriegan MS 73-06
Sharee Merritt 19-JL

SUBJECT: Evaluation of Midwest Industrial Supply's EnvironKleen

REFERENCES: (a) Job #: 3530
(b) D6-17487 "Evaluation of Airplane Maintenance Materials"

PURPOSE:

To perform evaluation testing of EnvironKleen in accordance with D6-17487.

TEST PROCEDURES:

The following tests were conducted, all in accordance with D6-17487.

- The Standard Test Method for Sandwich Corrosion Test is in accordance with ASTM F1110-90.
- The Standard Test Method for Crazing of Acrylic is in accordance with ASTM F484-83 using Type C acrylic.
- The Standard Test Method for Paint Softening Test is in accordance with ASTM F502 using the following coating systems:
 - (1) BMS 10-79, Type II primer applied in accordance with BAC 5582 plus BMS 10-60, Type II enamel in accordance with BAC 5845.
 - (2) BMS 10-79, Type III primer applied in accordance with BAC 5582 plus BMS 10-100 coating in accordance with BAC 5795.
- The Standard Test Method for Hydrogen Embrittlement Test is in accordance with ASTM F519-77, using cadmium plated specimens.

TEST RESULTS:

- The result of the *Sandwich Corrosion Test* showed that the specimen subjected to the EnvironKleen has comparatively displayed similar corrosion resistance like using distilled water control.
- In the *Acrylic Crazing Test*, the test specimen showed no evidence of crazing or cracks that may cause for rejection of the material being tested.

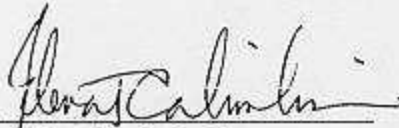
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Subject : Evaluation of Midwest Industrial Supply's EnvironKleen.

- The material tested in accordance with ASTM F502 "*Paint Softening Test*" showed no discoloration or staining. Likewise, film hardness was not affected at all.
- In accordance with ASTM F519 "Hydrogen Embrittlement", as the test specimen was subjected to 150 hours of loading in stress, the subject material did not break.


With the above results, EnvironKleen passed all four tests: sandwich corrosion, acrylic crazing, paint softening and hydrogen embrittlement.

Prepared by:



Elena T. Calimlim
Corrosion & Inorganic Finishes
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Approved by:



Matthias P. Schriever 4/20/99
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