



CLIENT: CRANE KEMLITE®
KEMLITE COMPANY, INC.
23525 W. Eames St.
Channahon, IL 60410
Attn: Molly Dickerman

Test Report No: 41528 Date: December 23, 2003

SAMPLE ID: Four samples (each consists of 8 precut test panels: 4 in machine direction and 4 in cross machine direction) submitted and identified by the Client as:

- A) 060 Armor Tuf: K-031215-1 (MD) & K-031215-2 (CMD)
- B) 075 Armor Tuf: K-031215-3 (MD) & K-031215-4 (CMD)
- C) 2515 TIW: K-031215-5 (MD) & K-031215-6 (CMD)
- D) 2515 ETR: K-031215-7 (MD) & K-031215-8 (CMD)

DATE OF RECEIPT: Samples entered into the SGS USTC Sample Tracking System on December 16, 2003 as STN 37385.

TESTING PERIOD: December 19, 2003.

AUTHORIZATION: SGS USTC confirmation dated December 19, 2003 to Molly Dickerman. Client's letter dated December 15, 2003 from Carol Sowa.

TEST REQUESTED: **Flammability** (Horizontal) per Federal Motor Vehicles Safety Standard (FMVSS) 302, "Flammability of Interior Materials", as specified in the Code of Federal Regulations, Title 49, Transportation, Section 571.302. Preliminary test was performed to determine which panel direction exhibited the fastest burning rate.

TEST RESULTS: See page 2.

CONCLUSION: The above submitted samples all **meet** the flammability requirements of the Federal Motor Vehicles Safety Standard (FMVSS) 302.

Tested by

Signed for and on behalf of
SGS U.S. Testing Company Inc.

Y. L. Yeung

Norma C. Trinidad

Y. L. Yeung
Senior Technician /hy

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Norma C. Trinidad
Technical Manager, LA Textiles Lab

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CLIENT: CRANE KEMLITE[®]/KEMPLITE COMPANY, INC.

RESULTS:

Flammability: Federal Motor Vehicles Safety Standard (FMVSS) 302
(15-Second Horizontal Test)

| SAMPLE | SPECIMEN NO. | BURN RATE (IN./MIN.) | COMPLIANCE |
|-----------------------------------|--------------|-------------------------|------------|
| 060 Armor Tuf K-031215-2 (CMD) | 1 | 1.1 | PASS |
| | 2 | 1.0 | |
| | 3 | 1.0 | |
| | 4 | 1.1 | |
| 075 Armor Tuf K-031215-3 (MD) | 1 | 0.8 | PASS |
| | 2 | 0.8 | |
| | 3 | 0.7 | |
| | 4 | 0.6 | |
| 2515 TIW K-031215-5 (MD) | 1 | 1.1 | PASS |
| | 2 | 1.2 | |
| | 3 | 1.1 | |
| | 4 | 1.2 | |
| 2515 ETR K-031215-8 (CMD) | 1 | 1.0 | PASS |
| | 2 | 1.0 | |
| | 3 | 1.0 | |
| | 4 | 0.9 | |

Requirements:

Any portion (e.g., an individual test specimen) of a single or composite material which is within ½ inch of the occupant compartment air space shall not burn nor transmit flame across its surface, at a rate of more than 4 inches per minute.

End of Report