



SGS U.S. Testing Company Inc.

291 Fairfield Avenue
Fairfield, NJ 07004
Tel: 973-575-5252
Fax: 973 575-0799

REPORT NUMBER: 126786
REF. #: 518718
DATE: July 14, 1999
PAGE: 1 of 3

CLIENT: Crane Kemlite
23525 W. Eames
Channahon, IL 60410

Attn: Molly Dickerman

AUTHORIZATION: Letter of authorization received from Molly Dickerman of Crane Kemlite

SAMPLE DESCRIPTION: Five (5) samples received from the client on June 28, 1999. Client identified the samples as:

1. K990616 - 1 & 2, 285 LTR
2. K990616 - 3 & 4, 385 LTR
3. K990616 - 5 & 6, 485 LTR
4. K990616 - 7 & 8, 385 LTR Alternate Resin
5. K990616 - 9 & 10, Kemply 0.09 "PWI on 3/8" Plywood

TEST REQUESTED: Selected test as listed on the following page.

TEST DATES: July 9 - 13, 1999.

RESULTS: Continued on Page 2.

PREPARED BY:

Linda Kinderman

Linda Kinderman
Technician - Flammability
Textile Services

mh

SIGNED FOR COMPANY BY:

Edward McCarthy
Supervisor Flammability
Textile Services

Member of the SGS Group

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REPORT OF TEST



REPORT NUMBER: 126786
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CLIENT: Crane Kernlite

RESULTS:

Flammability of Interior Materials
FMVSS 302-1992

Sample: K990616 - 1 & 2, 285 LTR

| Burn Time* (secs) | | Burn Distance (in) | | Burn Rate (in/min) | |
|----------------------|-------|-----------------------|-----|-----------------------|-----|
| MD | XMD | MD | XMD | MD | XMD |
| 300.0 | 300.0 | 4.5 | 5.9 | 0.9 | 1.2 |
| 300.0 | 300.0 | 4.7 | 6.0 | 0.9 | 1.2 |
| 300.0 | 300.0 | 4.2 | 5.6 | 0.8 | 1.1 |

Sample: K990616 - 3 & 4, 385 LTR

| | | | | | |
|-------|-------|-----|-----|-----|-----|
| 300.0 | 300.0 | 3.4 | 4.2 | 0.7 | 0.8 |
| 300.0 | 300.0 | 3.4 | 4.4 | 0.7 | 0.9 |
| 300.0 | 300.0 | 3.6 | 3.8 | 0.7 | 0.8 |

Sample: K990616 - 5 & 6, 485 LTR

| | | | | | |
|-------|-------|-----|-----|-----|-----|
| 300.0 | 300.0 | 2.3 | 3.1 | 0.5 | 0.6 |
| 300.0 | 300.0 | 2.8 | 3.5 | 0.6 | 0.7 |
| 300.0 | 300.0 | 3.1 | 3.1 | 0.6 | 0.6 |

Sample: K990616 - 7 & 8, 385 LTR alternate resin

| | | | | | |
|-------|-------|-----|-----|-----|-----|
| 300.0 | 300.0 | 4.2 | 3.9 | 0.8 | 0.8 |
| 300.0 | 300.0 | 3.9 | 3.6 | 0.8 | 0.7 |
| 300.0 | 300.0 | 4.0 | 3.5 | 0.8 | 0.7 |

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REPORT NUMBER: 126786
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CLIENT: Crane Kemlite

RESULTS:

Flammability of Interior Materials
FMVSS 302-1992

| Burn Time* (secs) | | Burn Distance (in) | | Burn Rate (In/min) | |
|----------------------|-----|-----------------------|-----|-----------------------|-----|
| MD | XMD | MD | XMD | MD | XMD |

Sample: K990616 - 9 & 10, (Kemply 0.09" PWI on 3/8" Plywood)

| | | | | | |
|-----|-----|---|---|---|---|
| DNI | DNI | - | - | - | - |
| DNI | DNI | - | - | - | - |
| DNI | DNI | - | - | - | - |

*Test was discontinued after 5 minutes

DNI = Does Not Ignite

Requirements:

The material shall not burn or transmit a flame front across its surface, at a rate of more than 4 inches per minute. However, if a material stops burning before it has burned for 60 seconds from the start of timing and has not burned more than 2 inches from the point where timing was started, it shall be considered to meet this requirement.

Conclusion:

The submitted samples meet the requirement of the Department of Transportation Motor Vehicle Safety Standard 302 "Flammability of Interior Materials"

End of Report

REPORT OF TEST