**EAR-CONTROLLED DATA**

# FLAMMABLITY TESTING OF FABRIC PRODUCTS

## INTRODUCTION:

This report presents the results of flammability tests conducted on samples of fabric material. The testing was authorized by Jeff Ryan of Versare Solutions, Inc. on October 12, 2010. The testing and data analysis were completed on October 15, 2010.

The scope of our work was limited to conducting flammability tests on the samples submitted and reporting the results.

## SUMMARY OF RESULTS:

CA TB117 – Section E – Part I

| Sample Identification | Average Burn Time, sec | Classification |
|---|---|---|
| Wrap Direction | SF poi | Class 1 |
| Fill Direction | SF poi | Class 1 |

SF poi = Surface flash, at the point of impingement only

## SAMPLE IDENTIFICATION:

The samples were identified as partition fabric samples. Stork Twin City Testing personnel cut five (5) fabric specimens measuring 2" x 6" in size in both the wrap and fill directions.

## TEST METHOD:

The fabric samples were allowed to condition at standard laboratory conditions of 72 ± 4°F and 50 ± 5% relative humidity for at least 24 hours. Just prior to testing, they were placed in a circulating oven at 105° ± 3°C for 30 ± 2 min and then allowed to cool in a desiccator not less than 15 minutes.

| Test Method | Test Method Title | Parameters &/or Deviations from Method |
|---|---|---|
| CA TB117 (March 2000) | Requirements, Test Procedure and Apparatus for Testing the Flame Retardance of Resilient Filling Materials Used in Upholstered Furniture *Section E – Part I: Upholstery Fabrics* | Section E – test to compliance w/ CS191-53 |
| 16 CFR 1610 (1-1-10 Ed.) | Standard For The Flammability of Clothing Textiles | Codification for CS191-53 |

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## TEST EQUIPMENT:

Fisher Scientific Isotemp Oven, Model 630F, S/N 253, ID MM190-014, calibrated 8/18/10, due 8/18/11
Flammability test chamber (45° angle burn)
Butane gas

## TEST DATA:

| Sample Identification | Specimen | Burn Time, sec |
|---|---|---|
| Wrap Direction | 1 | SF poi |
| | 2 | SF poi |
| | 3 | SF poi |
| | 4 | SF poi |
| | 5 | SF poi |
| Fill Direction | 1 | SF poi |
| | 2 | SF poi |
| | 3 | SF poi |
| | 4 | SF poi |
| | 5 | SF poi |

SF poi = Surface flash, at the point of impingement only

## REMARKS:

The test materials not consumed in testing will be retained for 14 days from the date of this report and then discarded unless we receive written notification requesting otherwise.

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