

# TEST REPORT

**REPORT NUMBER: 100955462MID-001a**  
ORIGINAL ISSUE DATE: February 15, 2013  
REVISED DATE: NA

**EVALUATION CENTER**

Intertek  
8431 Murphy Drive  
Middleton, WI 53562

**RENDERED TO:**

**Dickson Saint Clair  
415 avenue de Savoie  
Saint Clair de la Tour  
38357 La Tour du Pin  
France**

PRODUCT EVALUATED: Sunblock  
EVALUATION PROPERTY: NFPA 701-10, METHOD 2  
STANDARD METHODS OF FIRE TESTS FOR FLAME  
PROPAGATION OF TEXTILES AND FILMS

**Report of Testing: Sunblock for compliance with the applicable requirements of the following criteria: NFPA 701-10, METHOD 2 Standard Methods of Fire Tests for Flame Propagation Of Textiles and Films**

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## 2 Introduction

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Intertek has conducted testing for Dickson Saint Clair, on Sunblock to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. This evaluation began February 15, 2013 and ended February 15, 2013.

## 3 Test Samples

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### 3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from the client. Samples were not independently selected for testing. Samples were received at the Evaluation Center on December 26, 2012 in good condition.

### 3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Sunblock  
850g/m<sup>2</sup> PVC coated polyester material

The test specimen identified as Arcade FR was cut into 5.25 in. by 47.25 in. samples by Intertek. Samples were then conditioned in an oven at 105°C ± 3°C for no less than 1 hour but no more than 3 hours before testing.

## 4 Testing and Evaluation Methods

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### 4.1. TEST STANDARD 1

Ten specimens of material 5.25 inches by 47.25 inches were cut with their long dimension parallel to the length direction ("with" machine). The test specimens were conditioned to 220-225°F (105-108°C) for not less than one hour and not more than 3 hours. Specimens were removed from the oven one at a time and tested immediately. The specimens were supported with clips in a three-sided vertical column and exposed to an 11" flame for two minutes. The flame impinged approximately 7 inches on the specimen.

No specimen should continued flaming for more than two seconds. Length of char should not exceed 41.3 inches from the bottom edge of the specimen. No flaming on floor of apparatus should last longer than two seconds.

### 4.2. Deviation from Standard Method

No deviations

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## 5 Testing and Evaluation Results

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### 5.1. RESULTS AND OBSERVATIONS

Specimen #	Afterflame Duration (sec.)	Floor Flaming (sec.)	Char Length (in.)
1	0	0	5.75
2	0	0	7.00
3	0	0	4.75
4	0	0	7.50
5	0	0	5.25
6	0	0	4.88
7	0	0	6.13
8	0	0	7.38
9	0	0	5.00
10	0	0	7.13
Average	0	0	6.08

#### Observations:

This sample passed the criteria for NFPA 701-10 method 2.

## 6 Conclusion

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Intertek has conducted testing for Dickson Saint Clair, on Sunblock to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. This evaluation began February 15, 2013 and ended February 15, 2013.

The sample PASSED the testing criteria for NFPA 701-10, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

### INTERTEK



Reported by:

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## 7 Revision Summary

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DATE	SUMMARY
February 15, 2013	Original Report