

FIRE Retardants Inc.[™]
The Decision You Make May Save A Life!

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EST. 1860

United States Testing Company, Inc.
California Division

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REPORT OF TESTING

NUMBER
LA-62807-1
7-2-73

SUBJECT: One sample of Flame Retardant Chemical, BURN BARRIER[™] FPR (3-Alarm) and one sample of Mattress Ticking, 100% Rayon, submitted and identified by Client.

Reference: Client's letter dated June 12, 1973, by Mr. Vernon D. Claiborne

Objective:

To determine whether the mattress ticking treated with BURN BARRIER[™] FPC Flame Retardant meets the NFPA (National Fire Protective Association) Test No. 701, Standard Methods of Fire Tests for Flame-Resistant Textiles and Films.

Procedure:

The submitted rayon mattress ticking was sprayed (while hanging) with the BURN BARRIER[™] FPC Flame Retardant until the entire sample was moist to the touch. After drying the sample was tested per the NFPA No. 701 test, Vertical-Small Scale Test.

Test Criteria:

After flame - 2 seconds maximum

Length of Char - 4 1/2 inch maximum

Supervised by: B.S. Givon

SIGNED FOR THE COMPANY

BY S.N. Burner

Pg, 1 of 2
ml

Laboratories in: New York • Chicago • Los Angeles • Houston • Tulsa • Memphis • Reading • Richland

THIS REPORT APPLIES ONLY TO THE STANDARDS ON PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. NOTHING CONTAINED IN THIS REPORT SHALL MEAN THAT UNITED STATES TESTING COMPANY, INC. CONDUCTS ANY QUALITY CONTROL PROGRAM FOR THE CLIENT TO WHOM THIS TEST REPORT IS ISSUED, UNLESS SPECIFICALLY SPECIFIED. OUR REPORTS AND LETTERS ARE FOR THE EXCLUSIVE USE OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEY AND THE NAME OF THE UNITED STATES TESTING COMPANY, INC. OR ITS SEALS OR INSIGNIA, ARE NOT TO BE USED UNDER ANY CIRCUMSTANCES.



Results:

<u>Flammability</u>				
<u>After Flame</u>		<u>Length of Char</u>		
<u>Seconds</u>		<u>Inch</u>		
<u>Warp</u>	<u>Fill</u>	<u>Warp</u>	<u>Fill</u>	
0	0	4.2	4.2	
0	0	4.3	4.4	
0	0	4.1	4.4	
0	0	4.1	4.0	
<u>0</u>	<u>0</u>	<u>4.3</u>	<u>4.1</u>	
Average				
0	0	4.2	4.2	

Remarks:

The rayon mattress ticking sample treated with BURN BARRIER™ FPR, as described under “Procedure”, meets the NFPA No. 701 flammability criteria for small scale testing.