



Test Report

Number: SHAH00394504

Applicant: PERSONAL SAFFETY CORPORATION
1655 PROGRESS DRIVE HIAWATHA,IOWA 52233
Attn: DICK

Date: JUL 22, 2013

Sample Description:

Three (3) styles of submitted sample said to be :

Item Name : **Convex Pommel Cushion(SCPC-1) / Seat Support(SCSS-1).**
Country Of Origin : CN.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

Based Upon The Results Of The Flammability Test Reported, Sample B Submitted For Testing Meets The Performance Requirements Of California Technical Bulletin 117-2000 Section A, Part I For Testing Of Resilient Cellular Materials Used In Upholstered Furniture.

Based Upon The Results Of The Flammability Test Reported, Sample B Submitted For Testing Meets The Performance Requirements Of California Technical Bulletin 117-2000 Section D, Part II For Testing Of Resilient Cellular Materials Used In Upholstered Furniture.

Based Upon The Results Of The Flammability Test Reported, Sample A Submitted For Testing Meets The Performance Of California Technical Bulletin No.117-1980 Section E, Part I For Testing Of Upholstery Fabrics.

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai

Jacob Lin
General Manager





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Tests Conducted

- 1 Flammability Test (California Technical Bulletin No. 117-2000, Section A, Part I, Resilient Cellular Materials):

Test Method

The Apparatus And Methods Of Testing Were Those Described In California Technical Bulletin No. 117, SECTION A, Part I, For Testing The Flame Retardance Of Resilient Cellular Materials Used In Upholstered Furniture.

Requirement

- 1. The Average Char Length Of All Specimens Shall Not Exceed 6 inches.
- 2. The Maximum Char Length Of Any Individual Specimen Shall Not Exceed 8 inches.
- 3. The Average Afterflame Of All Specimens Shall Not Exceed 5 seconds.
- 4. The Maximum Afterflame Of Any Individual Specimen Shall Not Exceed 10 seconds.
- 5. The Average Afterglow Of All Specimens Shall Not Exceed 15 seconds.
- 6. Resilient Cellular Materials Shall Meet These Requirement When Tested Before And After Ageing.

(B)

Test Result :

Before Ageing

	<u>Char Length</u> (inch)	<u>Afterflame</u> (second)	<u>Afterglow</u>
	2.9	NIL	NIL
	2.7	NIL	NIL
	2.7	1.5	NIL
	2.4	2.1	NIL
	2.5	2.0	NIL
	-----	-----	
Average :	2.6	1.9	

After Ageing*

	<u>Char Length</u> (inch)	<u>Afterflame</u> (second)	<u>Afterglow</u>
	3.8	3.1	NIL
	2.5	3.3	NIL
	3.5	NIL	NIL
	3.5	NIL	NIL
	3.4	NIL	NIL
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Average :	3.3	3.2	

Remark : * Ageing Condition - Store sample in a forced air circulating oven at 220°F for 24 hours.

To be continued



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- 2 Flammability Test (California Technical Bulletin No. 117-2000, Section D, Part II, Resilient Cellular Material - Smoldering Screening Test):

Test Method

The Apparatus And Methods Of Testing Were Those Described In California Technical Bulletin No. 117, SECTION D, Part II, For Testing The Weight Loss Of Resilient Cellular Materials Used In Upholstered Furniture.

Requirement

Weight Shall Be Greater Than 80% Of Non-Smoldered Residue In Any Of Three Samples.

(B)

Test Results :

<u>Non-Smoldered Residue</u>	
	(%)
	95
	95
	95

- 3 Flammability Test (California Technical Bulletin No. 117-2000, Section E, Part I, Upholstery Fabrics):

The Apparatus And Methods Of Testing Were Those Described In U.S. Department Of Commercial Standard 191-53.

(A)

	<u>Original</u>	
<u>Face</u>	<u>Warp</u>	<u>Filling</u>
	DNI	DNI
	DNI	DNI
	DNI	DNI
	DNI	DNI
	DNI	DNI
<u>Back</u>	<u>Warp</u>	<u>Filling</u>
	DNI	DNI
	DNI	DNI
	DNI	DNI
	DNI	DNI
	DNI	DNI

Classification : Class 1 = Normal Flammability

Remark :

DNI = Did not ignite.

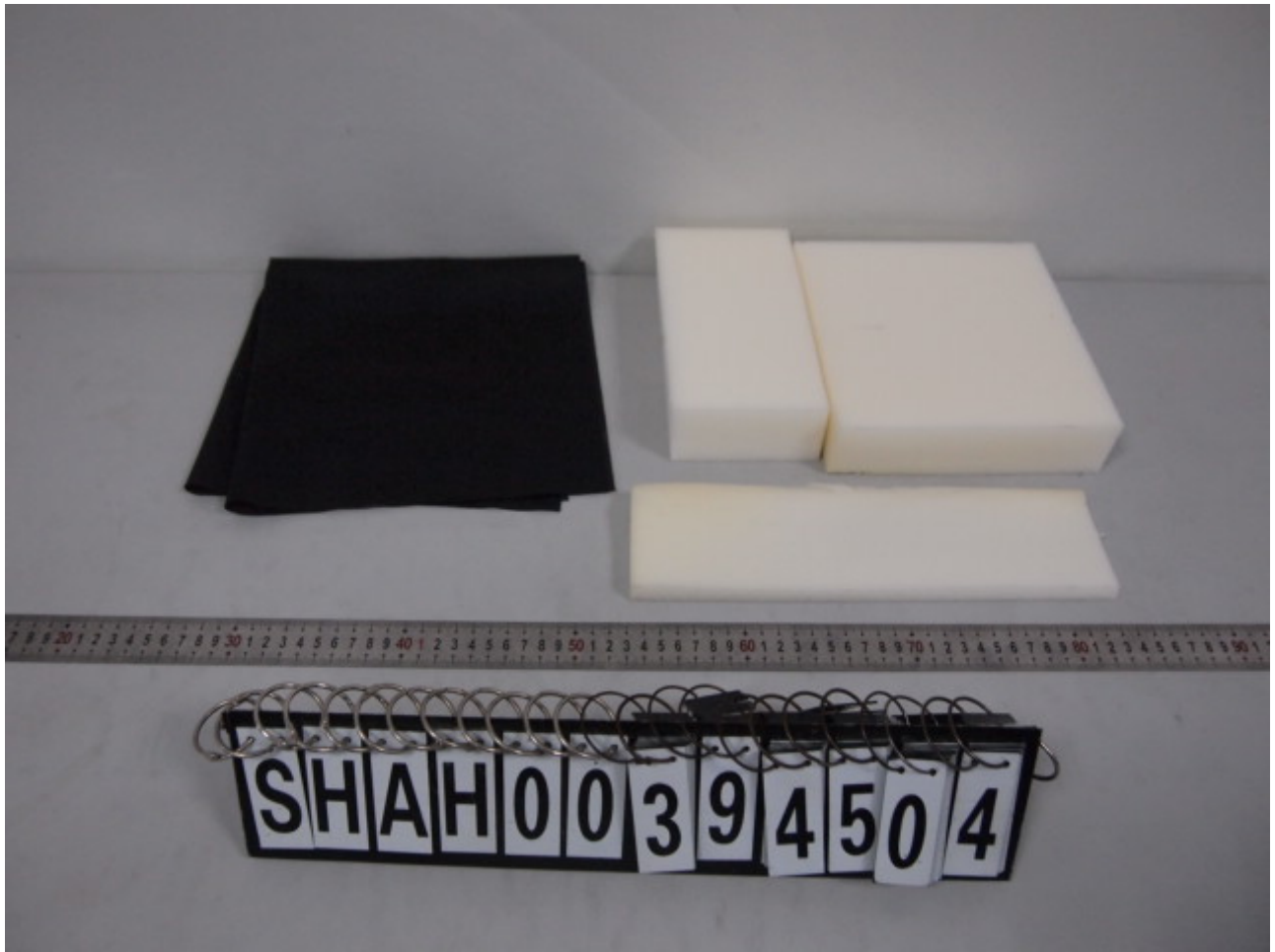
Tested components:

- (A) Black Knitted Fabric With Coating
- (B) Foam

Date Sample Received: Jul.9, 2013
Testing Period: Jul.9, 2013 to Jul.19, 2013

To be continued

Tests Conducted



End of report

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