



TEST REPORT TEST No: 177:019359 DATE: JANUARY 30, 2009 PAGE 1 OF 4

MOONRACER / DJUBI  
POST OFFICE BOX 1612 – LAKE JUNALUSKA, NC 28745

THE FOLLOWING SAMPLE(S) WERE SUBMITTED AND IDENTIFIED BY THE CLIENT AS: RACQUET AND BALL GAME

DETAILS OF SAMPLE RECEIVED: ORANGE AND WHITE HAND HELD HANDLE AND NET WITH A BALL

SUPPLIER / MANUFACTURER: MOONRACER / DJUBI  
COUNTRY OF ORIGIN: CHINA  
COUNTRY OF DESTINATION: NOT STATED  
STYLE / ITEM NUMBER: RACQUET AND BALL GAME  
LABELED AGE GRADING: NOT LABELED  
REQUESTED AGE GRADING: NOT STATED  
AGE GROUP APPLIED IN TESTING: ALL AGES  
QUANTITY SUBMITTED: 1  
AUTHORIZATION: CLIENT'S PURCHASE ORDER NUMBER PPCC-MC  
DATE OF AUTHORIZATION: JANUARY 21, 2009  
SAMPLE RECEIVING DATE: JANUARY 21, 2009  
TESTING PERIOD: JANUARY 30, 2009  
TEST REQUESTED 16 CFR 1500.48 Sharp Points, 16 CFR 1500.49 Sharp Edges and 16 CFR 1501 Small Parts, both before and after conditioning, as set forth in 16 CFR 1500.50 and Flammability Testing as per 16 CFR 1500.44 for rigid and pliable solids.

RESULTS: PLEASE REFER TO FOLLOWING PAGES  
CONCLUSION: THE SUBMITTED SAMPLES WERE FOUND TO BE IN COMPLIANCE WITH THE REQUESTED TEST REQUIREMENTS

PREPARED BY:

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SIGNED FOR AND ON BEHALF OF  
SGS U.S. TESTING COMPANY INC.

DOMINICK LEPORE, MANAGER  
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**CLIENT:** MoonRacer / Djubi

**Mechanical Hazards:** Simulated Use and Abuse Testing

**Procedure (Summary):** The submitted samples were tested for compliance with the requirements of 16 CFR 1500.48 Sharp Points, 16 CFR 1500.49 Sharp Edges and 16 CFR 1501 Small Parts, both before and after conditioning, as set forth in 16 CFR 1500.50

**Labeled Age Group:** Not Labeled

0-18 Months

36-96 Months

18-36 Months

**\*Not Age-Labeled**

- When not age-labeled, products were subjected to the most stringent abuse test conditioning.

**Sample I.D.:** RACQUET AND BALL GAME

<u>Test Results:</u>	<u>Sharp Points</u>	<u>Sharp Edges</u>	<u>Small Parts</u>
As Received	Pass	Pass	Pass
After Impact [1500.51 (b)]	Pass	Pass	Pass
After Flexure [1500.52 (d)]	N/A	N/A	N/A
After Torque [1500.53 (e)]	Pass	Pass	Pass
After Tension1 [1500.52 (f)]	Pass	Pass	Pass
After Compression [1500.53 (g)]	Pass	Pass	Pass

**Notes:**

**Conclusion:** When tested as specified, the submitted sample met the Federal Hazardous Substances Act, 16 CFR 1500 as indicated

N/A = Not Applicable

1 = Tension test applied to the same samples tested under torque.



CLIENT: MoonRacer / Djubi

**Flammability Test:** Federal Hazardous Substances Act and ASTM F963-07e1

**Procedure:**

The method of testing was that described in **16 CFR 1500.44** of the *Federal Hazardous Substances Act and ASTM F963-07e1 Section 4.2* for rigid and pliable solids.

**Requirement:**

A material is considered "flammable" if it ignites and burns with a self-sustained flame at a rate greater than 0.1 inches per second along its major axis.

**NOTE:**

It is our understanding that a sample is considered as having passed the test requirement if it self-extinguishes before burning 6 inches and prior to the lapse of 60 seconds.

**Sample ID:** Racquet from RACQUET AND BALL GAME

**Results:**

	<b>Area of Initial Flame Contact</b>	<b>Burn Length (inches)</b>	<b>Time (seconds)</b>	<b>Burn Rate (inches/second)</b>
Burn 1	Handle	-	-	DNI
Burn 2	End	0.75	60	0.01
Burn 3	End	-	-	DNI
Burn 4	Screen	4.50	60	0.07

\*DNI = Did not Ignite

\*\*IBE = Ignited but Extinguished

**Conclusion:** Based upon the results of the test reported above, the submitted sample **complies** with the requirements of the U.S. Federal Hazardous Substances Act, 16 CFR 1500.44 and ASTM F963-07e1.



CLIENT: MoonRacer / Djubi

**Flammability Test: Federal Hazardous Substances Act and ASTM F963-07e1**

**Procedure:**

The method of testing was that described in **16 CFR 1500.44** of the *Federal Hazardous Substances Act and ASTM F963-07e1 Section 4.2* for rigid and pliable solids.

**Requirement:**

A material is considered "flammable" if it ignites and burns with a self-sustained flame at a rate greater than 0.1 inches per second along its major axis.

**NOTE:**

It is our understanding that a sample is considered as having passed the test requirement if it self-extinguishes before burning 6 inches and prior to the lapse of 60 seconds.

**Sample ID: Ball from RACQUET AND BALL GAME**

**Results:**

	<b>Area of Initial Flame Contact</b>	<b>Burn Length (inches)</b>	<b>Time (seconds)</b>	<b>Burn Rate (inches/second)</b>
Burn 1	Elastic on Ball	-	-	DNI
Burn 2	Ball	-	-	DNI
Burn 3	Ball	-	-	DNI
Burn 4	Ball	-	-	DNI

\*DNI = Did not Ignite

\*\*IBE = Ignited but Extinguished

**Conclusion:** Based upon the results of the test reported above, the submitted sample **complies** with the requirements of the U.S. Federal Hazardous Substances Act, 16 CFR 1500.44 and ASTM F963-07e1.

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**End Of Report**