

JUL 26 2006 10:01AM

CHENILLE KRAFT

NO. 907

P. 2

61432-1005



SPRINGBORN TESTING &amp; RESEARCH, INC.

An ISO 9002 Registered Firm

Project Number: 13086.0010  
 Date: March 26, 1998  
 Trace Code: C98.0209, C98.0243

Test Report

Prepared For: The Chenille Kraft Co.  
 P.O. Box 269  
 65 Ambrogio Drive  
 Gurnee, IL 60031

Attention Of: Mr. Pat Mueller

Samples Submitted:

The client supplied various art supplies for testing and packaging review. The items are identified as follows:

- A - Feathers, #4500-01 = *whole series*
- B - Small Duck Quill Feathers, #4505
- C - Dyed and Spotted Feathers, #4506

Tests Conducted:

Mechanical / Physical Safety per 16 CFR and ASTM F963-96a  
 Labeling Review per 16 CFR 1500.19 and 1500.121  
 Flammability per 16 CFR 1500.44 and ASTM F963-96a  
 CONEG Regulations

Results:

The submitted samples (A), (B) and (C) Did Not Conform to the Packaging Evaluation and Flammability Test.

The submitted sample (B) Did Not Conform to Mechanical/Physical Safety testing due to a sharp point. Product was not age graded for ages 4 and up.  
 See "Summary of Test Results" attached.

Ronald J. Haber  
 Project Leader  
 Consumer Product Testing

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JUL 26 2006 10:01AM

CHENILLE KRAFT

NO. 907 P. 3



An ISO 9002 Registered Firm

STR Project Number: 13086.0010  
 Samples: Craft Items, Feathers  
 Date: March 26, 1998

Page: Two

### SUMMARY OF TEST RESULTS

#### MECHANICAL TESTING:

##### Impact Test: 16 CFR 1500.53, ASTM F963-96a

Criteria: No hazardous conditions shall result from four drops onto a type IV vinyl tile covered concrete floor from a height of three feet.

	<u>A</u>	<u>B</u>	<u>C</u>
Result: Number of samples tested:	6	6	6
Number of samples passed:	6	6	6
Number of samples failed:	0	0	0

##### Sharp Edges: 16 CFR 1500.49, ASTM F963-96a

Criteria: Specimens shall not have accessible, potentially hazardous sharp edges.

	<u>A</u>	<u>B</u>	<u>C</u>
Result: Number of samples tested:	12	12	12
Number of samples passed:	12	12	12
Number of samples failed:	0	0	0

##### Sharp Points: 16 CFR 1500.48, ASTM F963-96a

Criteria: Specimens shall not have accessible, potentially hazardous sharp points.

	<u>A</u>	<u>B</u>	<u>C</u>
Result: Number of samples tested:	12	12	12
Number of samples passed:	12	11	12
Number of samples failed:	0	1	0

Note: One of the Small Duck Quill Feathers was received with a sharp point.

##### Torque / Tension: 16 CFR 1500.53, ASTM F963-96a

Criteria: No potentially hazardous sharp points or sharp edges shall be detected after applying a torque of four inch pounds for ten seconds and then applying a tension force of fifteen pounds for ten seconds.

	<u>A</u>	<u>B</u>	<u>C</u>
Result: Number of samples tested:	6	6	6
Number of samples passed:	6	6	6
Number of samples failed:	0	0	0

JUL 26 2006 10:01AM

CHENILLE KRAFT

NO. 907 P. 4



An ISO 9002 Registered Firm

STR Project Number: 13086.0010

Page: Three

Samples: Craft Items, Feathers

Date: March 26, 1998

### SUMMARY OF TEST RESULTS

Labeling Review: per 16 CFR 1500.19 and 1500.121.

- A - Small parts warning not provided on packaging. This should be included on the principal display panel of the packaging in accordance with the applicable CFR requirements. Age grading of 3+ years minimum is required.
- B - Sharp point warning should be present on front of package. Minimum age grading of 4 and up is required due to functional sharp points.
- C - Small parts warning not provided on packaging. This should be included on the principal display panel of the packaging in accordance with the applicable CFR requirements. Age grading of 3+ years minimum is required.

A small parts warning label must be present when small parts are enclosed in the kit if intended for use by children at least 3 years old and less than 6.

Flammability: per 16 CFR 1500.44, ASTM F963-96a

Criteria: Burn rate for products shall not exceed 0.1 inches per second when tested in accordance with 16 CFR 1500.44 and ASTM F963-96a.

Result:	A	B	C
Specimen 1	0.16	0.20	0.20
Specimen 2	0.19	0.25	0.23
Specimen 3	0.13	0.25	0.23
Specimen 4	0.10	0.20	0.20
Average	0.15	0.23	0.22

Note: All samples would be considered a flammable solid.

CONEG: per Coalition of Northeastern Governors (CONEG) Legislation

<u>Metal</u>	<u>Found (ppm)</u>	<u>CONEG Regulation</u>
Cadmium	<1	<100 ppm
Chromium	1	
Lead	<7	
Mercury	1	
Cd+Cr+Pb+Hg=	< 10	