



REPORT NUMBER:

REPORT DATE: December 15, 2008

TEST REPORT

CUSTOMER:

Product Name: Hardcover Book

Age labeling: N/A

Age grading: N/A

Supplier:

Sample received date: December 3, 2008

Date of testing ended: December 15, 2008

TEST CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

CONCLUSION:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Hardcover Book	1. 16CFR 1500 Mechanical & Physical 2. Total Lead in Substrate	1. Does Comply 2. Below the Limits

PAGE 1/TO BE CONTINUED

TOTAL 4 PAGES

PREPARED BY:

SIGNED FOR THE COMPANY BY:

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Account Manager

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Quality Management Specialist

The test results stated in this report relate only to the item(s) tested. This test report may not be reproduced except in full, without written approval of Intertek.

Tests identified with an asterisk (*) have been subcontracted.

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(1.) Mechanical Hazards: Simulated Use and Abuse Testing

Procedure: The submitted samples were tested for compliance with the requirements of 16 CFR 1500.48 Sharp Point, 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. If packaging was included, compliance with the *Child Safety Protection Act* (Pub L. No. 103-267) was also reviewed.

Age Label: No Age Grading **Age Grade and Tested To:** All ages

Sample ID: Hardcover Book

Test Results:

Use/Abuse Tests	Sharp Point	Sharp Edge	Small Parts
As Received	P	NA	P
After Impact [1500.51 (b)]	P	NA	P
After Bite [1500.53 (c)] ¹	P	NA	P
After Flexure [1500.53 (d)]	NA	NA	NA
After Torque [1500.53 (e)]	P	NA	P
After Tension [1500.53 (f)] ²	P	NA	P
After Compression [1500.53 (g)]	P	NA	P

Conclusion: When tested as specified, the submitted sample(s) does comply with the U.S. Federal Hazardous Substances Act 16 CFR 1500 as indicated.

¹Mouth toys: 1500.53 (100 lb. load)

²Tension test applied to the same samples tested under torque



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(2.) Chemical Analysis: Total Lead in Substrates

Procedure: Acid digestion per EPA 3050B/3051 was used and the total lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Requirement: The lead content shall not exceed 600 ppm of any part of the product as required by the Consumer Product Safety Improvement Act of 2008 (CPSIA 2008).

However, as of August 14, 2009, the limit for total lead content will be lowered to 300 ppm.

Sample ID: Hardcover Book

Sample Utilized: Complete Product Digested

Test Results:

Parameter	Results (ppm)				Limit (ppm)
	1	2	3	4	
Total Lead	< 10	< 10	< 10	< 10	600

Parameter	Results (ppm)					Limit (ppm)
	5	6	7	8	9	
Total Lead	< 10	< 10	< 10	< 10	< 10	600

Component	Description
1	Composite on front cover jacket
2	Composite front cover jacket
3	Black hardcover
4	Composite white and black on back cover
5	Composite inside page of front cover white, grey, and black
6	Composite inside page 279 black and white
7	Composite black and silver on binding
8	Black page on inside cover
9	Composite green stem and black on front cover

Note: In order to determine and report a definitive conclusion, separate colors must be tested. Composite testing is not permitted as per the Consumer Product Safety Improvement Act of 2008.

Conclusion: When tested as specified, the submitted composite sample results are below the limits set forth in the Consumer Product Safety Improvement Act of 2008 (CPSIA 2008/H.R. 4040), Title I, Section 101 for total lead content in substrates.

END OF REPORT