



TEST REPORT

Prepared For:

Looney Labs
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Work ID: 100064583

Project Number: 40919.1

Trace Code & Receipt Date(s): C103827, October 27, 2010

Dates Test(s) Conducted: November 1, 2010 – November 5, 2010

Test Report Date: November 5, 2010

Product(s) Tested:

Pyramids
 (Purple, Clear, Blue, Cyan, Grey, Black, Green, Yellow, White, Orange, Red & Pink)
 Age Grade: 6+ Years

<u>Test(s) Performed:</u>	<u>Test Method(s):</u>	<u>Result(s):</u>
Canada Mechanical Hazards Testing-Sharp Edges	Canada Hazardous Products Act C.R.C. c.931	Pass
Canada Mechanical Hazards Testing-Sharp Points	Canada Hazardous Products Act C.R.C. c.931	Pass
Canada Mechanical Hazards Testing-Push/Pull	Canada Hazardous Products Act C.R.C. c.931	Pass
Canada Mechanical Hazards Testing-Drop	Canada Hazardous Products Act C.R.C. c.931	Pass
Flammability	Canadian Hazardous Products Act R.S., 1985, c. H-3, Schedule 1, Part 1, Item 7	Pass
Mechanical Safety Testing-Sharp Edges	16 CFR 1500.49 / ASTM F963-08, Section 4.7	Pass
Mechanical Safety Testing-Sharp Points	16 CFR 1500.48 / ASTM F963-08, Section 4.9	Pass
Mechanical Safety Testing-Impact	16 CFR 1500.53 / ASTM F963-08, Section 8.7	Pass
Mechanical Safety Testing-Torque/Tension	16 CFR 1500.53/ ASTM F963-08, Section 8.8 & 8.9	Pass
Packaging Film	ASTM F963-08, Section 4.12 & 8.21	Exempt
Standard Format for Age Grading	CPSC Guidelines	Ref Only
Flammability of Solids	16 CFR 1500.44, ASTM F963-08 (Modified)	Pass
CPSIA Lead in Accessible Substrate Material (Non-Metal Products)	CPSC-CH-E1002-08.1	Pass

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TEST RESULTS

<i>Test(s) Performed:</i>	<i>Test Method(s):</i>	<i>Result(s):</i>
Mechanical Safety Testing-Sharp Edges	EN 71 Part 1, Section 4.7 (2005+A9:2009)	Pass
Mechanical Safety Testing-Sharp Points	EN 71 Part 1, Section 4.8 (2005+A9:2009)	Pass
Mechanical Safety Testing-Impact	EN 71 Part 1, Section 8.7 (2005+A9:2009)	Pass
Mechanical Safety Testing-Drop	EN 71 Part 1, Section 8.5 (2005+A9:2009)	Pass
Mechanical Safety Testing-Tension	EN 71 Part 1, Section 8.4 (2005+A9:2009)	Pass
Mechanical Safety Testing-Torque	EN 71, Part 1, Section 8.3 (2005+A9:2009)	Pass
Flammability	EN 71, Part 2 (2006+A1:2007)	Pass

Notes:

See individual Test Results attached. No final packaging received at time of testing.

Haley A. Will
Client Services Manager
Toys & Premiums
amt

Claudette Buckley
Lead Technical Reviewer
Toys & Hardlines

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TEST RESULTS

CANADA MECHANICAL HAZARDS TESTING

6+ Years

Test Conducted	Samples Tested	Samples Passed	Samples Failed	Criteria
Sharp Edges	12	12	0	Canada Hazardous Products Act C.R.C. c.931 Specimens shall not have accessible, potentially hazardous sharp edges as received, or after use and abuse testing.
Sharp Points	12	12	0	Canada Hazardous Products Act C.R.C. c.931 Specimens shall not have accessible, potentially hazardous sharp points as received, or after use and abuse testing.
Push/Pull	6	6	0	Canada Hazardous Products Act C.R.C. c.931 No potentially hazardous sharp points, sharp edges, or small parts shall be detected after applying a tension of ten pounds for ten seconds.
Drop	6	6	0	Canada Hazardous Products Act C.R.C. c.931 After each drop, samples must not reveal any hazardous condition, such as small parts, sharp edges, sharp points, or any other foreseeable hazard, when subjected to the following appropriate test forces: 4 times from a height of 0.91 meters (3 feet).

FLAMMABILITY

Canadian Hazardous Products Act R.S., 1985, c. H-3, Schedule 1, Part 1, Item 7

Component Identification	Result	Criteria
Assorted Pyramids	No presence of Cellulose Nitrate was observed.	Shall have no trace of Cellulose Nitrate.

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TEST RESULTS

MECHANICAL SAFETY TESTING

6+ Years

Test Conducted	Samples Tested	Samples Passed	Samples Failed	Criteria
Sharp Edges	12	12	0	16 CFR 1500.49 / ASTM F963-08, Section 4.7 Specimens shall not have accessible, potentially hazardous sharp edges as received, or after use and abuse testing.
Sharp Points	12	12	0	16 CFR 1500.48 / ASTM F963-08, Section 4.9 Specimens shall not have accessible, potentially hazardous sharp points as received, or after use and abuse testing.
Impact	6	6	0	16 CFR 1500.53 / ASTM F963-08, Section 8.7 No potentially hazardous conditions (sharp points or sharp edges) shall be detected after product is dropped four times from a height of 3 feet ± 0.5 inch (91 cm) onto a type IV vinyl tile covered concrete floor.
Torque/Tension	6	6	0	16 CFR 1500.53 / ASTM F963-08, Section 8.8 & 8.9 No potentially hazardous conditions (sharp points or sharp edges) shall be detected after applying a torque of 4±0.2in. -lbf. (0.45 N-m) for ten seconds or 180 degrees in each direction and a tension load of 15±0.5 lbf. (66.8 N) for ten seconds in both parallel and perpendicular direction.

PACKAGING FILM

ASTM F963-08, Section 4.12 & 8.21

Result	Criteria
Dimensions: 3.6" x 3.7" Exempt: too small	Take measurements at 10 equidistant points across the diagonal of any 3.94" by 3.94" (100 mm by 100 mm) area of packaging film. The average thickness of the ten measurements shall not be less than 0.00150" (0.03810 mm) and none of the measurements shall be below a minimum thickness of 0.00125" (0.03175 mm).

STANDARD FORMAT FOR AGE GRADING

CPSC Guidelines

Result	Criteria
Appropriate Age Grade: 6+ Years Tested Age Grade: 6+ Years Labeled Age Grade: Not present	Reported for informational purposes only.

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TEST RESULTS

FLAMMABILITY OF SOLIDS

16 CFR 1500.44 / ASTM F963-08 (Modified)

Component Identification	Sample 1 (in/sec)	Sample 2 (in/sec)	Sample 3 (in/sec)	Sample 4 (in/sec)	Result
Pink Pyramid	0.01	---	---	---	<0.1 – Accept
Red Pyramid	0.01	---	---	---	<0.1 – Accept
Orange Pyramid	0.01	---	---	---	<0.1 – Accept
Yellow Pyramid	0.01	---	---	---	<0.1 – Accept
Green Pyramid	0.01	---	---	---	<0.1 – Accept
Blue Pyramid	0.01	---	---	---	<0.1 – Accept
Dark Blue Pyramid	0.01	---	---	---	<0.1 – Accept
Purple Pyramid	0.01	---	---	---	<0.1 – Accept
Clear Pyramid	0.01	---	---	---	<0.1 – Accept
White Pyramid	0.01	---	---	---	<0.1 – Accept
Grey Pyramid	0.01	---	---	---	<0.1 – Accept
Black Pyramid	0.01	---	---	---	<0.1 – Accept

A product is considered to be a flammable solid if it ignites and burns along its major axis with a self-sustaining flame at a rate greater than 0.1 inch (2.5 mm) per second.

Criteria

- If the burn rate of all samples is less than 0.1 in./s (2.5 mm/s), accept.

Modification: One sample tested.

CPSIA LEAD IN ACCESSIBLE SUBSTRATE MATERIAL (NON-METAL PRODUCTS)

CPSC-CH-E1002-08.1

Component Identification	Total Lead in Sample (ppm)	Current Criteria ≤300 (ppm)
Blue/Cyan/Purple Pyramid Composite	<4	Pass
Green/Yellow/Orange Pyramid Composite	<4	Pass
Red/Pink/Clear Pyramid Composite	7	Pass
Grey/White/Black Pyramid Composite	<4	Pass

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TEST RESULTS

MECHANICAL SAFETY TESTING

6+ Years

Test Conducted	Samples Tested	Samples Passed	Samples Failed	Criteria
<i>Sharp Edges</i>	12	12	0	EN 71 Part 1, Section 4.7 (2005+A9:2009) <i>Specimens shall not have accessible, potentially hazardous sharp edges.</i>
<i>Sharp Points</i>	12	12	0	EN 71 Part 1, Section 4.8 (2005+A9:2009) <i>Specimens shall not have accessible, potentially hazardous sharp points.</i>
<i>Impact</i>	6	6	0	EN 71 Part 1, Section 8.7 (2005+A9:2009) <i>No hazardous condition shall result from dropping a 1 kg. test load from a distance of 100 mm onto the toy.</i>
<i>Drop</i>	6	6	0	EN 71 Part 1, Section 8.5 (2005+A9:2009) <i>No hazardous conditions shall result from (5) five drops onto a 4 mm thick steel plate which has a 2 mm thick coating of shore A hardness 75 + 5 on a non flexible horizontal surface from a height of 850 + 50 mm.</i>
<i>Tension</i>	6	6	0	EN 71 Part 1, Section 8.4 (2005+A9:2009) <i>No potentially hazardous sharp points or sharp edges shall detach after applying a tension force of 90 N for ten seconds.</i>
<i>Torque</i>	6	6	0	EN 71, Part 1, Section 8.3 (2005+A9:2009) <i>No potentially hazardous sharp points or sharp edges shall be detected after applying a torque of 0.34 Nm (3 in. lbs.), or 180° in each direction for ten seconds.</i>

FLAMMABILITY

EN 71, Part 2 (2006+A1:2007)

Component Identification	Result	Criteria
Assorted Pyramids	No presence of Cellulose Nitrate was observed	Shall have no trace of Cellulose Nitrate.

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TEST RESULTS

PRODUCT PHOTO(S)



***** End of Report *****