



**TEST REPORT**

NUMBER: SZHH00374054

APPLICANT: GMG PUBLISHING CORP. GALISON BOOKS  
28 WEST 44TH STREET SUITE 1411-12  
NEW YORK, NY 10036.

DATE: Apr 13, 2009

ATTN: ELIZABETH WALLS

**SAMPLE DESCRIPTION:**

EIGHT (8) PIECES OF SUBMITTED SAMPLE SAID TO BE :  
ITEM NAME : **NIGHT/DAY.**  
ITEM NO. : **978-0-7353-1473-3.**  
DOC NO. : DSP003771.  
LABELLED AGE GROUP : 2 YEARS AND UP.  
PACKAGING PROVIDED BY : YES.  
APPLICANT  
BUYER : G050-GALISON & MUDPUDDY PRESS.



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**TESTS CONDUCTED:**

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

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TO BE CONTINUED

AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
SHENZHEN LTD.

KARBON M.Y. WU  
GENERAL MANAGER



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CONCLUSION:

<u>TESTED SAMPLES</u>	<u>STANDARD - U.S. ASTM F963-08</u>	<u>RESULT</u>
SUBMITTED SAMPLES	PHYSICAL AND MECHANICAL TESTS	PASS

FLAMMABILITY TEST OF MATERIALS OTHER THAN TEXTILE MATERIALS	PASS
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TESTED COMPONENTS OF SUBMITTED SAMPLES	TOXIC ELEMENTS TEST	PASS
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<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLES	EN71 PART 1 : 2005 + A6 : 2008	PASS

FOR MECHANICAL AND PHYSICAL PROPERTIES  
EXCLUDING CLAUSE 7.1

EN71 PART 2 : 2006 + A1 : 2007 FLAMMABILITY TEST	PASS
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TESTED COMPONENTS OF SUBMITTED SAMPLES	EN71 PART 3 : 1994 AND AMENDMENT A1 : 2000 AND AC : 2002	PASS
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<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
TESTED COMPONENTS OF SUBMITTED SAMPLES	U.S. CODE OF FEDERAL REGULATIONS TITLE 16 CFR 1303 FOR TOTAL LEAD CONTENT IN SURFACE COATING	PASS

U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 101 FOR TOTAL LEAD CONTENT IN SURFACE COATING	PASS
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U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 101 FOR TOTAL LEAD CONTENT IN NON-SURFACE COATING MATERIALS (SUBSTRATE)	PASS
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TESTS CONDUCTED

1 CPSIA H.R.4040 NORMAL AND REASONABLY FORESEEABLE USE AND ABUSE

WITH REFERENCE TO 16 CFR PART 1500.50

AGE GRADING FOR TESTING: OVER 2 YEARS.

ASSESSMENT: THERE IS NO INTERNAL COMPONENT IN THE SUBMITTED SAMPLE.

DATE SAMPLE RECEIVED : APR 03, 2009

TESTING PERIOD : APR 03, 2009 TO APR 03, 2009

2 PHYSICAL AND MECHANICAL TESTS

AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY F963-08.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : OVER 2 YEARS.

THE SUBMITTED SAMPLES WERE UNDERGONE THE USE AND ABUSE TESTS IN ACCORDANCE WITH THE FEDERAL HAZARDOUS SUBSTANCES ACT (FHSA), TITLE 16, CODE OF FEDERAL REGULATIONS : -

<u>TEST</u>	<u>FHSA</u>	<u>PARAMETER</u>
IMPACT TEST	SECTION 1500.53(b)	4 X 3.0 ft
TORQUE TEST	SECTION 1500.53(e)	4 in-lbf
TENSION TEST	SECTION 1500.53(f)	15 lbf

<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.1	MATERIAL QUALITY (VISUAL CHECK ON CLEANLINESS)	P
4.5	SOUND-PRODUCING TOYS	NA
4.6.1	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS (SMALL OBJECTS)	P
4.6.2	MOUTH-ACTUATED TOYS	NA
4.6.3	TOYS AND GAMES FOR 36 MONTHS TO 72 MONTHS (SMALL PART WARNING)	NA
4.7	ACCESSIBLE EDGES	NA
4.8	PROJECTIONS	NA
4.9	ACCESSIBLE POINTS	P
4.10	WIRES OR RODS	NA
4.11	NAILS AND FASTENERS	NA
4.12	PACKAGING FILM	NA
4.13	FOLDING MECHANISMS AND HINGES	NA
4.14	CORDS AND ELASTICS	NA
4.15	STABILITY AND OVER-LOAD REQUIREMENTS	NA
4.16	CONFINED SPACES	NA
4.17	WHEELS, TIRES AND AXLES	NA
4.18	HOLES, CLEARANCE, AND ACCESSIBILITY OF MECHANISMS	NA
4.19	SIMULATED PROTECTIVE DEVICES, SUCH AS HELMETS, HATS AND GOGGLES	NA
4.20	PACIFIERS	NA
4.21	PROJECTILE TOYS	NA



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TESTS CONDUCTED

<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.22	TEETHERS AND TEETHING TOYS	NA
4.23	RATTLES	NA
4.24	SQUEEZE TOYS	NA
4.25	BATTERY-OPERATED TOYS	NA
4.26	TOYS INTENDED TO BE ATTACHED TO A CRIB OR PLAYPEN	NA
4.27	STUFFED AND BEANBAG-TYPE TOYS	NA
4.28	STROLLER AND CARRIAGE TOYS	NA
4.29	ART MATERIALS	NA
4.30	TOY GUN MARKING	NA
4.31	BALLOONS	NA
4.32	CERTAIN TOYS WITH SPHERICAL ENDS	NA
4.33	MARBLES	NA
4.34	BALLS	NA
4.35	POMPOMS	NA
4.36	HEMISPHERIC-SHAPED OBJECTS	NA
4.37	YOYO ELASTIC TETHER TOYS	NA
4.38	MAGNETS	NA
4.39	JAW ENTRAPMENT IN HANDLES AND STEERING WHEELS	NA
5	LABELLING REQUIREMENT	P
6	INSTRUCTIONAL LITERATURE	P
7	PRODUCER'S MARKINGS	
	- NAME OF PRODUCER/DISTRIBUTOR (PACKAGE)	YES
	- ADDRESS (PACKAGE)	YES

REMARK : THE SUBMITTED SAMPLES WERE UNDERGONE THE TESTS IN ACCORDANCE WITH SECTION 8.5 THROUGH SECTION 8.18 AND 8.20 THROUGH 8.25 ON NORMAL USE, ABUSE AND SPECIFIC TESTS FOR DIFFERENT TYPES OF TOYS WHICHEVER IS APPLICABLE.

P = PASS

NA = NOT APPLICABLE

DATE SAMPLE RECEIVED : APR 03, 2009  
TESTING PERIOD : APR 03, 2009 TO APR 09, 2009

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TESTS CONDUCTED

3 FLAMMABILITY TEST

AS PER SECTION 4.2 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-08.

RESULT : IGNITED BUT SELF-EXTINGUISHED BEFORE BURN RATE COULD BE DETERMINED

DATE SAMPLE RECEIVED : APR 03, 2009  
TESTING PERIOD : APR 03, 2009 TO APR 09, 2009

4 TOXIC ELEMENTS ANALYSIS

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-08, ACID DIGESTION AND EXTRACTION METHODS WERE USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	(1)	RESULT IN ppm (2)	(3)	LIMIT ppm
TOTAL LEAD (Pb)	<10	<10	<10	600
SOL. BARIUM (Ba)	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	25

SOL. = SOLUBLE  
< = LESS THAN  
ppm = PARTS PER MILLION

TESTED COMPONENTS:

- (1) COATINGS ON PAPER CARD (PUZZLE).
- (2) COATINGS ON PAPER CARD (BOX).
- (3) COATINGS (LIGHT YELLOW, ORANGE, DULL ORANGE) ON PAPER CARD (HANG TAG).

DATE SAMPLE RECEIVED : APR 03, 2009  
TESTING PERIOD : APR 03, 2009 TO APR 10, 2009

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TESTS CONDUCTED

5 MECHANICAL AND PHYSICAL TEST

AS PER EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 1 : 2005+ A6 : 2008.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : OVER 2 YEARS.

<u>CLAUSE</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4*	GENERAL REQUIREMENTS	P
5*	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	P
6	PACKAGING	NA
7	WARNINGS AND INSTRUCTIONS FOR USE	#

REMARK : P = PASS NA = NOT APPLICABLE

\* = THE FOLLOWING SUBCLAUSES OF CLAUSE 4 AND 5 (NOTE) OF THE STANDARD WERE APPLICABLE : -

- 1) 4.1 MATERIALS - CLEANLINESS VISUAL EXAMINATION.
- 2) 4.8 POINTS AND METALLIC WIRES.
- 3) 5.1 GENERAL REQUIREMENTS.

NOTE : THE SUBMITTED SAMPLES WERE UNDERGONE THE ABUSE TESTS FOR CLAUSE 5.1 ACCORDING TO 8.3 (TORQUE TEST), 8.4 (TENSION TEST), 8.5 (DROP TEST), 8.7 (IMPACT TEST), 8.8 (COMPRESSION TEST) AND SPECIFIC TESTS FOR DIFFERENT TYPES OF TOYS WHICHEVER APPLICABLE.

# = THE ITEM SHOULD BE LABELLED WITH THE NAME AND ADDRESS OF THE IMPORTER IN EEC ON THE TOY OR ON ITS PACKAGING TOGETHER WITH A CE-MARKING (THAT COMPLIES WITH REQUIREMENT OF 93/68/EEC). IF THIS INFORMATION WAS NOT FIXED TO THE TOY ITSELF, IT SHOULD BE ACCOMPANIED BY A NOTICE IN ADVISING THE PURCHASER TO RETAIN IT.

HOWEVER, AFTER CHECKING OF THE TESTED SAMPLE, IT WAS FOUND THAT THE NAME AND ADDRESS OF THE IMPORTER IN EEC WAS MISSED. THE NOTICE ADVISING THE PURCHASERS TO RETAIN PACKAGING INFORMATION WAS MISSED.

DATE SAMPLE RECEIVED : APR 03, 2009  
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TESTS CONDUCTED

6 FLAMMABILITY TEST

AS PER EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 2 : 2006 + A1 : 2007.

<u>CLAUSE</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.1	GENERAL	P
4.2	TOYS TO BE WORN ON THE HEAD	NA
4.3	TOY DISGUISE COSTUMES AND TOYS INTENDED TO BE WORN BY A CHILD IN PLAY	NA
4.4	TOYS INTENDED TO BE ENTERED BY A CHILD	NA
4.5	SOFT FILLED TOYS (ANIMAL AND DOLLS ETC.) WITH A PILED OR TEXTILE SURFACE	NA

REMARK : P = PASS NA = NOT APPLICABLE

DATE SAMPLE RECEIVED : APR 03, 2009  
TESTING PERIOD : APR 03, 2009 TO APR 09, 2009

7 TOXIC ELEMENTS ANALYSIS

AS PER EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 3 : 1994 AND AMENDMENT A1 : 2000 AND AC: 2002, ACID EXTRACTION METHOD WAS USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN mg/kg</u>				<u>LIMIT mg/kg</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	
SOL. BARIUM (Ba)	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	<2.5	25

	<u>RESULT IN mg/kg</u>			<u>LIMIT mg/kg</u>
	<u>(5)</u>	<u>(6)</u>	<u>(7)</u>	
SOL. BARIUM (Ba)	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	25

SOL. = SOLUBLE  
< = LESS THAN  
mg/kg = MILLIGRAM PER KILOGRAM

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TESTS CONDUCTED

TESTED COMPONENTS :

- (1) COATINGS ON PAPER CARD (PUZZLE).
- (2) COATINGS ON PAPER CARD (BOX).
- (3) COATINGS (LIGHT YELLOW, ORANGE, DULL ORANGE) ON PAPER CARD (HANG TAG).
- (4) GREY PAPER CARD EXCLUDING COATINGS (PUZZLE).
- (5) BROWN PAPER CARD EXCLUDING COATINGS (BOX).
- (6) GREY PAPER CARD EXCLUDING COATINGS (HANG TAG).
- (7) BLUE STRING (HANDLE).

DATE SAMPLE RECEIVED : APR 03, 2009  
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8 TOTAL LEAD (Pb) CONTENT IN SURFACE COATING

AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 CFR 1303 AND U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040), TITLE I, SECTION 101 FOR CHILDREN'S PRODUCTS CONTAINING LEAD, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>
(1)	<10
(2)	<10
(3)	<10

REQUIREMENT:

THE TOTAL LEAD CONTENT SHALL NOT EXCEED 600 PPM AS REQUIRED BY 16 CFR 1303. HOWEVER, AS OF AUGUST 14, 2009, THE LIMIT FOR TOTAL LEAD CONTENT WILL BE LOWERED TO 90 PPM IN ACCORDANCE WITH THE CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 (CPSIA).

ppm = PARTS PER MILLION  
 < = LESS THAN

TESTED COMPONENTS :

- (1) COATINGS ON PAPER CARD (PUZZLE).
- (2) COATINGS ON PAPER CARD (BOX).
- (3) COATINGS (LIGHT YELLOW, ORANGE, DULL ORANGE) ON PAPER CARD (HANG TAG).

DATE SAMPLE RECEIVED : APR 03, 2009  
 TESTING PERIOD : APR 03, 2009 TO APR 10, 2009

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**TEST REPORT**

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TESTS CONDUCTED

9 TOTAL LEAD (Pb) CONTENT IN NON-SURFACE COATING MATERIALS (SUBSTRATE)

AS PER U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040), TITLE I, SECTION 101 FOR CHILDREN'S PRODUCTS CONTAINING LEAD, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>
(1)	<10
(2)	<10
(3)	<10
(4)	<10
(5)	<10

REQUIREMENT:

THE TOTAL LEAD CONTENT SHALL NOT EXCEED 600 PPM AS REQUIRED BY THE CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 (CPSIA).

AS OF AUGUST 14, 2009, THE LIMIT FOR TOTAL LEAD CONTENT WILL BE LOWERED TO 300 ppm.

AS OF AUGUST 14, 2011, THE LIMIT FOR TOTAL LEAD CONTENT WILL BE LOWERED TO 100 ppm UNLESS THE CPSC DETERMINES THAT A LIMIT OF 100 ppm IS NOT TECHNOLOGICALLY FEASIBLE FOR A PRODUCT OR PRODUCT CATEGORY.

ppm = PARTS PER MILLION  
< = LESS THAN

TESTED COMPONENTS :

- (1) GREY PAPER CARD EXCLUDING COATINGS (PUZZLE).
- (2) BROWN PAPER CARD EXCLUDING COATINGS (BOX).
- (3) GREY PAPER CARD EXCLUDING COATINGS (HANG TAG).
- (4) BLUE STRING (HANDLE).
- (5) GOLD COLOR METAL (EYELET).

DATE SAMPLE RECEIVED : APR 03, 2009  
TESTING PERIOD : APR 03, 2009 TO APR 10, 2009

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END OF REPORT