



CONSUMER PRODUCTS SERVICES DIVISION

**KS TOYS LTD.**

**Technical Report: (5209)143-0345(REVISION)**  
Date Received: June 04, 2009

July 15, 2009  
Page 1 of 10

ELKIE TANG  
KS TOYS LTD.  
ROOM 312-5 PENINSULA CENTRE  
67 MODY ROAD  
TSIM SHA TSUI EAST  
KOWLOON  
HONG KONG

Sample Description:	B/O BABY DOLL PLAY SET. DIPPED PARTS	Sample Size:	5 + 2 LOT(S)
Vendor:	N/A	Style No(s):	(15427_15477) 15427
Manufacturer:	KUM SHUNG TOYS (SHENZHEN) CO., LTD.	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	2+	Ref #:	15420_15470
Appropriate Age Grade:	OVER 2 YEARS OF AGE	Country of Origin:	CHINA
Client Specified Age Grade:	NOT SPECIFIED	Assortment No.:	N/A
Tested Age Grade:	OVER 2 YEARS OF AGE	Date of Manufacture:	2 <sup>nd</sup> JULY, 2009
UPC Code:	711621154279	Date of Testing:	JUNE 11, 2009
Place of Manufacture:	SHENZHEN, CHINA		

**EXECUTIVE SUMMARY:**

The sample(s) MEET the following requirement(s):

- The flammability requirements of 16 CFR 1500.3(c)(6)(vi), "Flammable solid" (FHSA regulations).
  - The small part requirement of 16 CFR 1501 (FHSA Regulations).\*\*
  - The flammability requirements of 16 CFR 1610, "Standard for the flammability of clothing textiles", in the original state (FFA regulations).
  - The labeling requirements of ASTM F963-07 E1, "Standard consumer safety specification for toy safety".
  - The mechanical hazards requirements of ASTM F963-07 E1, "Standard consumer safety specification for toy safety".
  - The BBP, DBP & DEHP content requirements by composite testing of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) Prohibition On Sale of Certain Products Containing Specified Phthalates.
  - The total lead content of 300ppm requirements in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).
- (\*)- The DNOP, DIDP & DINP content requirements by composite testing of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(b)(1) Prohibition On Sale of Certain Products Containing Specified Phthalates.**



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July 15, 2009

Page 2 of 10

**EXECUTIVE SUMMARY:**

The sample(s) & dipped parts MEET the following requirement(s):

- The total lead content of 90ppm requirements of modified 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" (Consumer Products Safety Improvement Act (CPSIA) of 2008).
- The lead content requirements of 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" (CPSC and CPSA regulations).

Note: The sample(s) was not evaluated to the Normal Use testing requirements specified in ASTM F963-07e1, Section 8.5. It is the responsibility of the manufacturer, vendor or distributor to conduct tests that will simulate normal use conditions. These tests shall ensure that hazards are not generated through normal wear and deterioration of the sample(s). These tests shall also simulate the normal play mode of the toy and to simulate the expected mode of use of the particular toy. The tests shall be conducted in an expected use environment. These normal use tests shall simulate the intended use of the toy based on its estimated lifetime.

Note: The received sample(s) contained scrapable surface coating material(s) of less than 10 milligrams by weight on one single sample, therefore such coating material(s) was not subject to the soluble heavy metals analysis of ASTM F963-07 E1, "Standard consumer safety specification on toy safety", Section 4.3.5.2, as specified in Section 8.3.3.1(2).

Note: Insufficient surface coatings were found on the submitted samples. Therefore, the heavy metals tests were conducted on the submitted parts.

Note: According to the associated documents of Consumer Product Safety Improvement Act of 2008, exemptions were granted to certain natural materials / metal & alloys / electronics devices components / ordinary books printed after 1985 / dyed & undyed textiles. Therefore, the lead content analysis of some components was not conducted.

BUREAU VERITAS HONG KONG LIMITED

  
Lau Wing Kit, Keff  
Director  
Toys and Juvenile Products Department

KL/fc

\*\*This third party report was issued to certify the tested product(s) complied with this rule, ban, standard, or regulation.



**RESULTS:**

**APPROPRIATE AGE GRADE DETERMINATION**

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-07, "Standard Consumer Safety Specification on Toy Safety". Annex A1

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

**USE AND ABUSE TESTS**

The samples were undergo the tests in accordance with section 8.6 through 8.16, whichever is applicable

Test	Test Parameters	Standard Reference
Impact Test	4 x 3 ft	1500.52(b)
Torque Test	4 in-lbs	1500.53(e)
Tension Test	15 lbs	1500.53(f)
Compression Test	30 lbs	1500.53(g)



**RESULTS:**

**PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-07 E1)**

Section	Requirement	Result
4.1	Material Quality	M
4.3.7	Stuffing Materials – Visual Inspection	M
4.5	Sound-Producing Toys	M
4.6	Small Objects	M
4.7	Accessible Edges	M
4.8	Projections	N/A
4.9	Accessible Points	M
4.10	Wires and Rods	N/A
4.11	Nails and Fasteners	M
4.12	Packaging Film	N/A
4.13	Folding Mechanisms and Hinges	N/A
4.14	Cords, Straps and Elastics	N/A
4.15	Stability and Over-Load Requirements	N/A
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes Clearances, and Accessibility of Mechanisms	M
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	M
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys (exclude section 4.25.10 Battery-powered ride-on toys)	M
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Toy Chest	N/A
4.28	Stuffed and Beanbag-Type Toys	M
4.31	Toy Gun Marking	N/A
4.33	Certain Toys with Spherical Ends	N/A
4.35	Small Balls	N/A
4.36	Pompoms	N/A
4.37	Hemispheric-Shaped Objects	N/A
4.38	Yo Yo Elastic Tether Toys	N/A
4.39	Magnets	N/A

*M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section*