



Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :
American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

TEST REPORT

NUMBER: HKGH00717481

APPLICANT: On file

DATE: Jul 02, 2008

SAMPLE DESCRIPTION:

TWO (2) GROUPS OF SUBMITTED SAMPLE SAID TO BE :

(A) ITEM NAME : **GUESS WHAT I AM!THE HILARIOUS NEW TWIST ON A CLASSIC GUESSING GAME.**

ITEM NO. : **4000.**

LABELLED AGE GROUP : AGES 3+.

PACKAGING PROVIDED : YES.

BY APPLICANT

VENDOR : SUN WING MING INDUSTRIAL LTD.

COUNTRY OF ORIGIN : CHINA PRC.

QUANTITY : 3 SETS.

(B) ONE SAMPLE OF PLASTIC WITH COATINGS (BLUE, GREEN, ORANGE, PURPLE, RED) (DICE) FOR (A) USE.

TESTS CONDUCTED:

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

TO BE CONTINUED

FOR AND ON BEHALF OF :
INTERTEK TESTING SERVICES HK LTD.

KAREN S.C. NG
GENERAL MANAGER





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CONCLUSION:

<u>TESTED SAMPLES</u>	<u>STANDARD - U.S. ASTM F963-07^{e1}</u>	<u>RESULT</u>
GROUP (A)	PHYSICAL AND MECHANICAL TESTS EXCLUDING 4.30 AND 5.16 REQUIREMENT FOR ART MATERIALS	PASS
	FLAMMABILITY TEST OF MATERIALS OTHER THAN TEXTILE MATERIALS	PASS
TESTED COMPONENTS OF GROUP (A) & GROUP (B)	TOXIC ELEMENTS TEST	PASS

FOR AND ON BEHALF OF :
INTERTEK TESTING SERVICES HK LTD.

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TESTS CONDUCTED

1 PHYSICAL AND MECHANICAL TESTS ON GROUP (A)

AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY F963-07^{c1}.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : AGES 3 YEARS AND UP.

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
COMPRESSION TEST	SECTION 1500.53(g)	30 lbf

<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.1	MATERIAL QUALITY (VISUAL CHECK ON CLEANINGLESS)	P
4.5	SOUND-PRODUCING TOYS	NA
4.6.1	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS (SMALL OBJECTS)	NA
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	P
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





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<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.19	SIMULATED PROTECTIVE DEVICES, SUCH AS HELMETS, HATS AND GOGGLES	NA
4.20	PACIFIERS	NA
4.21	PROJECTILE TOYS	NA
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	TOY CHESTS	NA
4.28	STUFFED AND BEANBAG-TYPE TOYS	NA
4.29	STROLLER AND CARRIAGE TOYS	NA
4.30	ART MATERIALS	NA#
4.31	TOY GUN MARKING	NA
4.32	BALLOONS	NA
4.33	CERTAIN TOYS WITH SPHERICAL ENDS	NA
4.34	MARBLES	NA
4.35	BALLS	NA
4.36	POMPOMS	NA
4.37	HEMISPHERIC-SHAPED OBJECTS	NA
4.38	YOYO ELASTIC TETHER TOYS ¹	NA
4.39	MAGNETS ¹	NA
5	LABELLING REQUIREMENT	P#
6	INSTRUCTIONAL LITERATURE	P
7	PRODUCER'S MARKINGS	
	- NAME OF PRODUCER/DISTRIBUTOR (PACKAGE)	YES
	- ADDRESS (PACKAGE)	YES





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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

NOTE : ¹ CLAUSE 4.38 & 4.39 ARE OUTSIDE THE SCOPE OF HOKLAS ACCREDITATION.

THE SUPPLIER/APPLICANT CLAIMED THAT FORMULATIONS OF THE ART MATERIALS OF THE SUBMITTED ITEM HAVE BEEN REVIEWED BY TOXICOLOGIST. NO ACTUAL ASSESSMENT HAS BEEN MADE.

DATE SAMPLE RECEIVED : JUN 05, 2008 AND JUN 24, 2008
TESTING PERIOD : JUN 05, 2008 TO JUN 27, 2008

2 FLAMMABILITY TEST ON GROUP (A)

AS PER SECTION 4.2 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-07^{e1}.

<u>SAMPLE</u>	<u>IGNITION POINT</u>	<u>BURN LENGTH (INCH)</u>	<u>TIME (SEC)</u>	<u>ACTUAL BURN RATE (INCH/SEC)</u>	<u>LIMIT (INCH/SEC)</u>
DICE	CORNER	0.5	60	0.01	0.10

THE SUBMITTED TOY SAMPLE AND ITS ACCESSORIES WERE TESTED, THE ABOVE RESULT ONLY SHOWED THE MOST SEVERE BURN RATE OF THE SAMPLES.

DATE SAMPLE RECEIVED : JUN 05, 2008 AND JUN 26, 2008
TESTING PERIOD : JUN 05, 2008 TO JUN 27, 2008





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3 TOXIC ELEMENTS ANALYSIS ON GROUP (A)

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-07^{e1}, ACID DIGESTION AND EXTRACTION METHODS WERE USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN ppm</u>						<u>LIMIT</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>	<u>(6)</u>	<u>ppm</u>
TOTAL LEAD (Pb)	<10	<10	<10	<10	<10	<10	600
SOL. BARIUM (Ba)	<5	<5	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>RESULT IN ppm</u>					<u>LIMIT</u>
	<u>(7)</u>	<u>(8)</u>	<u>(9)</u>	<u>(10)</u>	<u>(11)</u>	<u>ppm</u>
TOTAL LEAD (Pb)	<10	<10	<10	<10	<10	600
SOL. BARIUM (Ba)	<5	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	<2.5	<2.5	25

SOL. = SOLUBLE

< = LESS THAN

ppm = PARTS PER MILLION





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TESTS CONDUCTED

TESTED COMPONENTS :

- (1) COATINGS ON PAPER CARD (BOX) .
- (2) COATINGS ON PAPER CARD (BASE OF PAD) .
- (3) WHITE COATING ON PAPER CARD (CRAYON BOX) .
- (4) COATINGS ON PAPER CARD (TEMPLATE) .
- (5) COATINGS ON PAPER CARD (GAME CHIP) .
- (6) GREEN CRAYON .
- (7) ORANGE CRAYON .
- (8) RED CRAYON .
- (9) BLACK CRAYON .
- (10) PURPLE CRAYON .
- (11) BLUE CRAYON .

DATE SAMPLE RECEIVED : JUN 05, 2008
TESTING PERIOD : JUN 05, 2008 TO JUN 20, 2008

4 TOXIC ELEMENTS ANALYSIS ON COATINGS (BLUE, GREEN, ORANGE, PURPLE, RED) OF PLASTIC (DICE) OF GROUP (A)

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-07^{e1}, ACID DIGESTION AND EXTRACTION METHODS WERE USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

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

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

DATE SAMPLE RECEIVED : JUN 05, 2008
TESTING PERIOD : JUN 05, 2008 TO JUN 20, 2008





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TESTS CONDUCTED

5 TOTAL LEAD (Pb) CONTENT IN COATINGS (BLUE, GREEN, ORANGE, PURPLE RED) OF PLASTIC (DICE) OF GROUP (B)

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-07^{e1}. ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

RESULT : LESS THAN 10 ppm

LIMIT : 600 ppm

ppm = PARTS PER MILLION

REMARK : SINCE THE COATING OF THE SUBMITTED SAMPLES WERE LESS THAN 10mg, PARTS WERE USED FOR THE TOTAL LEAD CONTENT ANALYSIS ONLY.

DATE SAMPLE RECEIVED : JUN 05, 2008 AND JUN 25, 2008

TESTING PERIOD : JUN 05, 2008 TO JUN 30, 2008





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TESTS CONDUCTED

6 SOLUBLE LEAD (Pb) CONTENT ON GROUP (A)

AS PER CLIENT'S REQUEST, ACID EXTRACTION METHOD WAS USED AND SOLUBLE LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>	<u>CLIENT'S REQUIREMENT IN ppm</u>
(1)	<10	250
(2)	<10	250
(3)	<10	250
(4)	<10	250
(5)	<10	250
(6)	<10	250
(7)	<10	250
(8)	<10	250
(9)	11	250
(10)	<10	250

ppm = PARTS PER MILLION
< = LESS THAN

TESTED COMPONENTS :

- (1) PAPER SHEET WITH BLACK PRINTING (INSTRUCTION SHEET, GUESS WHAT I AM!) (PAD).
- (2) PAPER CARD EXCLUDING COATINGS (BASE OF GUESS WHAT I AM!, (PAD).
- (3) BLACK PLASTIC SHEET (TRAY).
- (4) PAPER CARD EXCLUDING WHITE COATING (CRAYON BOX).
- (5) 18mm TRANSPARENT ADHESIVE TAPE (CRAYON).
- (6) PAPER SHEET WITH BLACK PRINTING (CRAYON).
- (7) PAPER CARD EXCLUDING COATINGS (GAME CHIPS).
- (8) WHITE PLASTIC (DICE).
- (9) PAPER CARD EXCLUDING COATINGS (BOX).
- (10) PAPER CARD EXCLUDING COATINGS (TEMPLATE).

DATE SAMPLE RECEIVED : JUN 05, 2008

TESTING PERIOD : JUN 05, 2008 TO JUN 20, 2008

END OF REPORT

