



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: HKGH00789011

APPLICANT: US TOY COMPANY, INC
13201
ARRINGTON ROAD
GRANDVIEW
MO 64030
USA
ATTN: COURTNEY PETERMAN

DATE: Dec 01, 2008

SAMPLE DESCRIPTION:

TWO (2) PACKS OF SUBMITTED SAMPLE SAID TO BE :
ITEM NAME : **PLASTIC FLAG (SKULL FIGURE)**.
ITEM NO. : **D6**.
LABELLED AGE GROUP : NOT SPECIFIED.
PACKAGING PROVIDED BY : YES.
APPLICANT
VENDOR : WILLY INT'L (DAYA BAY) LTD.
COUNTRY OF ORIGIN : CHINA.

TESTS CONDUCTED:

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

CONCLUSION:

<u>TESTED SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
TESTED COMPONENTS OF SUBMITTED SAMPLE	U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R.4040)TITLE I, SECTION 108 REQUIREMENT ON PHTHALATE	<u>PASS</u>

<u>TESTED SAMPLES</u>	<u>STANDARD - U.S. ASTM F963-07^{e1}</u>	<u>RESULT</u>
COATINGS OF SUBMITTED SAMPLES	TOXIC ELEMENTS TEST	<u>PASS</u>

REMARK:

AS REQUESTED BY THE APPLICANT, PHTHALATE TEST WAS CONDUCTED ONLY ON COMPONENTS LISTED IN THIS REPORT. OTHER COMPONENTS WERE NOT TESTED. HOWEVER, ACCORDING TO CPSIA FAQ, THE PROHIBITION OF PHTHALATE CONTENT UNDER CPSIA APPLIES TO ALL PARTS OF A PRODUCT.

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

KAREN S.C. NG
GENERAL MANAGER





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TESTS CONDUCTED

1 PHthalate Content Test

WITH REFERENCE TO ASTM D3421, BY GAS CHROMATOGRAPHIC-MASS SPECTROMETRIC (GC-MS) ANALYSIS.

	<u>RESULT (% , w/w)</u>	<u>LIMIT (% , w/w)</u> <u>(MAX.)</u>
	<u>(1/2/3)</u>	
DIBUTYL PHTHALATE (DBP)	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	0.1
	<u>RESULT (% , w/w)</u>	<u>LIMIT (% , w/w)</u> <u>(MAX.)</u>
	<u>(1/2/3)</u>	
DI-ISO-NONYL PHTHALATE (DINP)	<0.01	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	0.1

REMARK : THE ABOVE LIMIT WAS QUOTED ACCORDING TO US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R.4040) FOR PROHIBITION ON SALE OF CERTAIN PRODUCTS CONTAINING SPECIFIED PHTHALATES.

DETECTION LIMIT = 0.01% (w/w)
 < = LESS THAN

TESTED COMPONENTS :

- (1) TRANSPARENT PLASTIC SHEET WITH PRINT (WHITE, BLACK).
- (2) WHITE PLASTIC (FLAG STICK).
- (3) TRANSPARENT PLASTIC (ADHESIVE TAPE).

DATE SAMPLE RECEIVED : NOV 10, 2008
 TESTING PERIOD : NOV 10, 2008 TO NOV 27, 2008





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2 TOXIC ELEMENTS ANALYSIS ON COATINGS

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.

	(1)	RESULT IN ppm	(2)	LIMIT ppm
TOTAL LEAD (Pb)	<10		<10	600
SOL. BARIUM (Ba)	14		97	1000
SOL. LEAD (Pb)	<5		<5	90
SOL. CADMIUM (Cd)	<5		<5	75
SOL. ANTIMONY (Sb)	<5		<5	60
SOL. SELENIUM (Se)	<5		<5	500
SOL. CHROMIUM (Cr)	<5		<5	60
SOL. MERCURY (Hg)	<5		<5	60
SOL. ARSENIC (As)	<2.5		<2.5	25

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

TESTED COMPONENTS :

- (1) BLACK COATING ON TRANSPARENT PLASTIC FILM.
- (2) WHITE COATING ON TRANSPARENT PLASTIC FILM.

DATE SAMPLE RECEIVED : NOV 10, 2008
TESTING PERIOD : NOV 10, 2008 TO NOV 20, 2008

END OF REPORT

