17637/18724/18878

Intertek

TEST REPORT

NUMBER : TWNC00102627

DATE : JAN 07, 2009

SAMPLE DESCRIPTION:

ONE (1) SETS OF SUBMITTED SAMPLE SAID TO BE :

ITEM NAME	: PARACHUTE
QUANTITY	: 1 SET
VENDOR/MANUFACTURER	:
COUNTRY OF ORIGIN	: TAIWAN
DATE SAMPLE RECEIVED	: DEC 29, 2008
DATE TEST STARTED	: DEC 30, 2008

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TEST CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS PLEASE REFER TO ATTACHED PAGES.

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CONCLUSION:

PLEASE SEE PAGE TWO.

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AUTHORIZED BY:
ON BEHALF OF INTERTEK TESTING SERVICES
TAIWAN LIMITED

K. Y. LIANG
DIRECTOR

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY.

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CONCLUSION:

TESTED SAMPLE	STANDARD	RESULT
TESTED COMPONENTS OF SUBMITTED SAMPLE	TOXIC ELEMENTS ANALYSIS — ASTM F963-07$^{\varepsilon 1}$, SECTION 4.3.5	PASS
	TOTAL LEAD (Pb) CONTENT IN SURFACE COATING — AS PER U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 101	PASS
	TOTAL LEAD (Pb) CONTENT IN SUBSTRATE MATERIAL — AS PER U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 101	PASS
	PHTHALATES IN TOYS AND CHILDCARE ARTICLES — AS PER U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 108	PASS(#)

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.

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TEST CONDUCTED

1. TOXIC ELEMENTS ANALYSIS

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-07$^{\varepsilon 1}$, ACID DIGESTION AND EXTRACTION METHODS WERE USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED PLASMA-OPTICAL EMISSION SPECTROMETER (ICP-OES).

ELEMENT	RESULT (mg/kg) (6)	LIMIT (mg/kg)
TOT. LEAD (Pb)	<5	600
SOL. LEAD (Pb)	<1	90
SOL. CADMIUM (Cd)	<1	75
SOL. ANTIMONY (Sb)	<1	60
SOL. CHROMIUM (Cr)	<1	60
SOL. BARIUM (Ba)	<1	1000
SOL. MERCURY (Hg)	<1	60
SOL. SELENIUM (Se)	<1	500
SOL. ARSENIC (As)	<1	25

REMARKS: mg/kg = MILLIGRAM PER KILOGRAM BASED ON DRY WEIGHT OF SAMPLE
TOT. = TOTAL
SOL. = SOLUBLE
< = LESS THAN
THE ANALYTICAL RESULTS WERE ADJUSTED BY SUBTRACTING ANALYTICAL CORRECTION FACTOR.

2. TOTAL LEAD (Pb) CONTENT IN SURFACE COATING

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.

TESTED COMPONENT	RESULT (ppm)
(6)	<5

LIMIT:
0.06% (600 ppm) ON OR BEFORE AUG 14, 2009
0.009% (90 ppm) AFTER AUG 14, 2009

REMARKS: ppm = PARTS PER MILLION = mg/kg
< = LESS THAN

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3. TOTAL LEAD (Pb) CONTENT IN SUBSTRATE MATERIAL

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.

TESTED COMPONENT	RESULT (ppm)
(1)	<5
(2)	<5
(3)	<5
(4)	<5
(5)	<5
(7)	<5
(8)	20

LIMIT:
600 ppm AFTER FEB 10, 2009
300 ppm AFTER AUG 14, 2009
100 ppm AFTER AUG 14, 2011

REMARKS: ppm = PARTS PER MILLION = mg/kg
< = LESS THAN

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4. PHTHALATES IN TOYS AND CHILDCARE ARTICLES

AS PER U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040), TITLE I, SECTION 108 FOR CHILDREN'S TOYS AND CHILDCARE ARTICLES CONTAINING PHTHALATES, SOLVENT EXTRACTION METHOD WAS USED AND PHTHALATE CONTENTS WERE DETERMINED BY GAS CHROMATOGRAPHIC-MASS SPECTROMETRIC (GC-MS).

I. CHILDREN'S TOY OR CHILD CARE ARTICLE:

	RESULT (%) (7)	LIMIT (%)
DIETHYL HEXYL PHTHALATE (DEHP)	ND	0.1
DIBUTYL PHTHALATE (DBP)	ND	0.1
BENZYL BUTYL PHTHALATE (BBP)	ND	0.1

II. CHILDREN'S TOY THAT CAN BE PLACED IN A CHILD'S MOUTH OR CHILD CARE ARTICLE:

	RESULT (%) (7)	LIMIT (%)
DI-(ISO-NONYL) PHTHALATE (DINP)	ND	0.1
DI-(ISO-DECYL) PHTHALATE (DIDP)	ND	0.1
DI-(N-OCTYL) PHTHALATE (DNOP)	ND	0.1

REMARKS: % = PERCENTAGE BASED ON WEIGHT OF TESTED SAMPLE
ND = NOT DETECTED
DETECTION LIMIT = DEHP : 0.001%
DBP : 0.001%
BBP : 0.001%
DINP : 0.01%
DIDP : 0.01%
DNOP : 0.001%
THE ABOVE LIMIT OF CPSIA WILL BE EFFECTIVE AFTER FEB 10, 2009.

TESTED COMPONENTS :

(1) BLUE FABRIC GORE
(2) RED FABRIC GORE
(3) YELLOW FABRIC GORE
(4) DARK GREEN FABRIC GORE
(5) WHITE FABRIC CORD
(6) WHITE PRINTING ON GORE
(7) WHITE PE FOAM INSIDE THE PARACHUTE
(8) BLACK FABRIC BELT

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END OF REPORT

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