



**TEST REPORT**

NUMBER: SZHH00393358

APPLICANT: CSP INC  
PO BOX 1157 GLENDALE AZ. 85311  
  
ATTN:

DATE: Jul 09, 2009

**SAMPLE DESCRIPTION:**

FOUR (4) SETS OF SUBMITTED SAMPLE SAID TO BE :  
ITEM NAME : **RUBBER CHRISTMAS PLUG BRACELET.**  
REFERENCE NO. : **K04-910.**  
VENDOR : CSP INC.  
BUYER : KIDS' KORNER.  
COUNTRY OF ORIGIN : CHINA.



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

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REMARK : AS REQUESTED BY THE APPLICANT, THE NORMAL AND REASONABLY FORESEEABLY USE AND ABUSE TEST WAS NOT CONDUCTED ON THE SUBMITTED SAMPLE.

AS REQUESTED BY THE APPLICANT, HR4040 PHTHALATE TEST WAS CONDUCTED ON THE COMPONENTS LISTED IN THE TEST REPORT. OTHER THAN THESE WERE NOT CONDUCTED.

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TESTS CONDUCTED

1 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)	67
(2)	<10
(3)	35
(4)	<10
(5)	<10
(6)	<10
(7)	<10
(8)	<10
(9)	<10
(10)	<10
(11)	71
(12)	<10
(13)	<10
(14)	<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

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TESTS CONDUCTED

TESTED COMPONENTS :

- (1) SILVER COLOR METAL (MALE BUCKLE).
- (2) SILVER COLOR METAL (FEMALE BUCKLE).
- (3) BLACK PLASTIC (BUCKLE).
- (4) WHITE PLASTIC (STRAP).
- (5) GREEN PLASTIC (STRAP).
- (6) RED PLASTIC (STRAP).
- (7) BLUE PLASTIC (STRAP).
- (8) LIGHT GREEN/YELLOW/RED/PURPLE/BLUE PLASTIC (CHRISTMAS'S TREE).
- (9) WHITE/BLACK/PINK/BLUE PLASTIC (SNOW MAN).
- (10) BROWN/RED/YELLOW/BLACK/WHITE PLASTIC (DEER).
- (11) RED/PINK/BLACK/WHITE/YELLOW PLASTIC (CHRISTMAS'S TREE).
- (12) RED/PINK/BLACK/WHITE/YELLOW/GREEN/LIGHT GREEN (SOCK).
- (13) BLUE/WHITE PLASTIC (SNOWFLAKE).
- (14) BLACK/WHITE/BLUE/YELLOW (PENGUIN).

DATE SAMPLE RECEIVED : JUN 02, 2009 & JUL 07, 2009

TESTING PERIOD : JUN 02, 2009 TO JUN 09, 2009 & JUL 07, 2009 TO JUL 08, 2009

2 PHthalate Content Test

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

	RESULT (% , w/w)			LIMIT (% , w/w)
	(1)	(2)	(3)	(MAX. )
DIBUTYL PHTHALATE (DBP)	<0.01	<0.01	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	0.03	<0.01	<0.01	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	<0.01	<0.01	0.1

	RESULT (% , w/w)			LIMIT (% , w/w)
	(1)	(2)	(3)	(MAX. )
DI-ISO-NONYL PHTHALATE (DINP)	0.03	<0.01	<0.01	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01	<0.01	<0.01	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	<0.01	<0.01	0.1

	RESULT (% , w/w)			LIMIT (% , w/w)
	(4)	(5)	(6)	(MAX. )
DIBUTYL PHTHALATE (DBP)	<0.01	<0.01	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	<0.01	0.07	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	<0.01	<0.01	0.1

	RESULT (% , w/w)			LIMIT (% , w/w)
	(4)	(5)	(6)	(MAX. )
DI-ISO-NONYL PHTHALATE (DINP)	<0.01	<0.01	0.05	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01	<0.01	<0.01	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	<0.01	<0.01	0.1

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	<u>RESULT (% , w/w)</u>	<u>LIMIT (% , w/w)</u>
	(7)	(MAX.)
DIBUTYL PHTHALATE (DBP)	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	0.05	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	0.1
	<u>RESULT (% , w/w)</u>	<u>LIMIT (% , w/w)</u>
	(7)	(MAX.)
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) BLACK PLASTIC (BUCKLE).
- (2) WHITE PLASTIC (STRAP).
- (3) GREEN PLASTIC (STRAP).
- (4) RED PLASTIC (STRAP).
- (5) BLUE PLASTIC (STRAP).
- (6) WHITE/BLACK/PINK/BLUE PLASTIC (SNOW MAN).
- (7) BLUE/WHITE PLASTIC (SNOWFLAKE).

DATE SAMPLE RECEIVED : JUN 02, 2009 & JUN 17, 2009  
TESTING PERIOD : JUN 02, 2009 TO JUN 17, 2009

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END OF REPORT