



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: HKGH00943432

APPLICANT: ORIENTAL TRADING CO INC  
4206 SOUTH 108TH ST  
OMAHA  
NEBRASKA 68137  
USA  
ATTN:

DATE: Dec 05, 2009

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE :  
ITEM NAME : PLASTIC LIP WHISTLE.  
OTC ITEM NO. : 39/2018.  
P.O. NO. : 775066

COUNTRY OF ORIGIN : CHINA.  
QUANTITY : 12 PIECES WITH 3 ASSORTED COLORS.



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TESTS CONDUCTED:

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

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

KAREN S.C. NG  
GENERAL MANAGER



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EXECUTIVE SUMMARY:

RECOMMENDED AGE GROUP FOR TESTING : FOR AGES OVER 3.

RESULTS OF TESTS REQUESTED BY APPLICANT ARE SUMMARIZED AS FOLLOWS SUBJECT TO THE INFORMATION STATED IN THE REMARK :

TEST ITEMS	RESULTS
AS PER OTC'S REQUIREMENTS WITH REFERENCE TO ASTM F963-08	
- PHYSICAL AND MECHANICAL TESTS	PASS
- 16 CFR 1500.3(c)(6)(vi) FLAMMABILITY TEST OF RIGID AND PLIABLE SOLIDS	PASS
- TOXIC ELEMENTS TEST ON SURFACE COATINGS (IN COMPOSITE) - 16 CFR 1303 TOTAL LEAD CONTENT - ASTM F963 SOLUBLE HEAVY METAL CONTENT	NOT APPLICABLE
OTHER TESTS	
- LEAD CONTENT IN ACCESSIBLE MATERIAL	PASS
- PHTHALATE CONTENT	PASS

REMARK :

- (1) APPLICABLE SECTIONS FOR ASTM PHYSICAL AND MECHANICAL TESTS : -  
 SECTION 4.1 - MATERIAL QUALITY (VISUAL CHECK)  
 SECTION 4.6 - SMALL OBJECTS  
 SECTION 4.7 - ACCESSIBLE EDGES  
 SECTION 4.9 - ACCESSIBLE POINTS
- (2) THE SUBMITTED SAMPLE WAS 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.
- (3) AS REQUESTED BY APPLICANT, SECTIONS 4.12 PACKAGING FILM; 4.18 HOLES, CLEARANCE, AND ACCESSIBILITY OF MECHANISMS, 4.25.5 AND 4.25.6 BATTERY-OPERATED TOYS REQUIREMENT WERE NOT ASSESSED.
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**ASSESSMENT ON AGE WARNING LABEL: -**

AGE WARNING LABEL OF U.S. CODE OF FEDERAL REGULATIONS TITLE 16 PART 1500.19 IS NOT APPLICABLE TO THE SUBMITTED SAMPLES.

**RECOMMENDED LABELLING: -**

BASED ON THE DESIGN & CHARACTERISTICS OF SUBMITTED SAMPLES, BELOW LISTED LABELING AND/OR STATEMENT SHOULD BE MARKED.

- APPROPRIATE LABEL AGE GRADING
- NAME AND ADDRESS OF PRODUCER OR DISTRIBUTOR
- COUNTRY OF ORIGIN

DATE SAMPLE RECEIVED : NOV 30, 2009  
TESTING PERIOD : NOV 30, 2009 TO DEC 04, 2009

1 OTC'S LEAD (Pb) CONTENT REQUIREMENT ON ACCESSIBLE MATERIAL

WITH REFERENCE TO STANDARD OPERATING PROCEDURES FOR DETERMINING TOTAL LEAD (Pb) IN CHILDREN'S PRODUCTS, TEST METHODS CPSC-CH-E1002-08 AND/OR CPSC-CH-E1001-08 WERE USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>	<u>LIMIT IN ppm</u>
(1)	<10	300
(2)	<10	300
(3)	<10	300

REMARK : < = LESS THAN  
ppm = PARTS PER MILLION

TESTED COMPONENTS :

- (1) RED PLASTIC (PLASTIC LIP WHISTLE).
- (2) BLUE PLASTIC (PLASTIC LIP WHISTLE).
- (3) YELLOW PLASTIC (PLASTIC LIP WHISTLE).

DATE SAMPLE RECEIVED : NOV 30, 2009  
TESTING PERIOD : NOV 30, 2009 TO DEC 04, 2009

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2 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>(1/2)</u>	<u>(3/4)</u>	<u>(MAX.)</u>
DIBUTYL PHTHALATE (DBP)	<0.01	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	<0.01	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	<0.01	0.1

	<u>RESULT (% w/w)</u>		<u>LIMIT (% w/w)</u>
	<u>(1/2)</u>	<u>(3/4)</u>	<u>(MAX.)</u>
DI-ISO-NONYL PHTHALATE (DINP)	<0.01	<0.01	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01	<0.01	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	<0.01	0.1
DI-N-HEXYL PHTHALATE (DnHP)	<0.01	<0.01	0.1

REMARK : THE DnHP LIMIT WAS QUOTED FROM THE CONSENT JUDGEMENT NO. BG07350969 SETTLED BY SUPERIOR COURT OF THE STATE OF CALIFORNIA FOR THE COUNTY OF ALAMEDA, FOR TOYS AND CHILD CARE ARTICLES BASED ON THE CALIFORNIA PROPOSITION 65.

THE OTHER PHTHALATES LIMIT WERE 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) RED PLASTIC (PLASTIC LIP WHISTLE).
- (2) BLUE PLASTIC (PLASTIC LIP WHISTLE).
- (3) YELLOW PLASTIC (PLASTIC LIP WHISTLE).
- (4) WHITE PLASTIC (PLASTIC LIP WHISTLE) (INTERNAL).

DATE SAMPLE RECEIVED : NOV 30, 2009  
TESTING PERIOD : NOV 30, 2009 TO DEC 03, 2009

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END OF REPORT