

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 of Certification Laboratories
Hong Kong Toys Council

TEST REPORT

NUMBER: HJ00221997

APPLICANT: VASEN INTERNATIONAL LIMITED
FLAT 9 9/F KWONG SANG HONG CTR
151-153 HOI BUN RD
KWUN TONG KLN
HK
ATTN: STANLEY

DATE: Apr 01, 2007

SAMPLE DESCRIPTION:


THREE (3) SETS OF SUBMITTED SAMPLE SAID TO BE :
ITEM NAME : **MASK AND SNORKEL SET.**
REF. NO. : MS1314S30,MS-1316S9.
LABELED AGE GROUP : NOT SPECIFIED.
PACKAGING PROVIDED BY : YES.
APPLICANT
BUYER : TESCO.
COUNTRY OF ORIGIN : CHINA.

TESTS CONDUCTED:

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

REMARK : THE SUBMITTED SAMPLES WERE NOT SUBJECTED TO THE TESTING
SCOPE OF THE EUROPEAN STANDARD OF TOYS EN71. HOWEVER, THE
TEST RESULTS OF THE SAMPLES MET THE RELATED REQUIREMENTS OF
THE STANDARD.

PREPARED AND CHECKED BY:
FOR INTERTEK TESTING SERVICES HK LTD.



KAREN S.C. NG
GENERAL MANAGER

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TESTS CONDUCTED

1 MECHANICAL AND PHYSICAL TEST

WITH REFERENCE TO EUROPEAN STANDARD ON SAFETY OF TOYS EN71-1 : JULY 1998 AND A1 JANUARY 2001, A2 FEBRUARY 2002, A5 NOVEMBER 2000, A6 MARCH 2002, A7 MAY 2002, A8 APRIL 2003.

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

<u>CLAUSE</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4*	GENERAL REQUIREMENTS	P
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	NA
6	PACKAGING	NA
7	WARNINGS AND INSTRUCTIONS FOR USE	#

REMARK : P = PASS NA = NOT APPLICABLE

* = THE FOLLOWING SUBCLAUSES OF CLAUSE 4 OF THE STANDARD WERE APPLICABLE : -

- 1) 4.1 MATERIALS - CLEANLINESS VISUAL EXAMINATION.
- 2) 4.7 EDGES.
- 3) 4.8 POINTS AND WIRES.
- 4) 4.11 MOUTH ACTUATED TOYS.
- 5) 4.14.2 MASKS AND HELMETS.

= IN OUR OPINION, THE ITEM EXAMINED IS NOT A TOY AND DOES NOT BEAR A CE MARK. THEREFORE, THE WARNINGS AND OTHER REQUIREMENTS SPECIFIED IN THIS SECTION DO NOT APPLY.

DATE SAMPLE RECEIVED : MAR 19, 2007

TESTING PERIOD : MAR 19, 2007 TO MAR 22, 2007

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2 FLAMMABILITY TEST

WITH REFERENCE TO EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 2 : 2003.

<u>CLAUSE</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.1	GENERAL	P
4.2	TOYS TO BE WORN ON THE HEAD WHICH INCLUDE BEARDS, MOUSTACHES, WIGS, ETC MADE FROM HAIR, PILE, OR MATERIAL WITH SIMILAR FEATURES, MOULDED AND FABRIC MASKS, AND FLOWING MATERIAL ATTACHED TO HATS, MASKS ETC.	NA
4.3	TOY DISGUISE COSTUMES AND TOYS INTENDED TO BE WORN BY A CHILD IN PLAY	NA
4.4	TOYS INTENDED TO BE ENTERED BY A CHILD	NA
4.5	SOFT FILLED TOYS WITH A PILED OR TEXTILE SURFACE	NA

REMARK : P = PASS NA = NOT APPLICABLE

DATE SAMPLE RECEIVED : MAR 19, 2007
 TESTING PERIOD : MAR 19, 2007 TO MAR 22, 2007

3 TOXIC ELEMENTS ANALYSIS

WITH REFERENCE TO EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 3 : 1994 AND AMENDMENT A1 : 2000, ACID EXTRACTION METHOD WAS USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN mg/kg</u>					<u>LIMIT</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>	<u>mg/kg</u>
SOL. BARIUM (Ba)	<5	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	8	<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

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	RESULT IN mg/kg				LIMIT mg/kg
	(6)	(7)	(8)	(9)	
SOL. BARIUM (Ba)	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	<2.5	25

SOL. = SOLUBLE
 < = LESS THAN
 mg/kg = MILLIGRAM PER KILOGRAM

TESTED COMPONENTS :

- (1) BLUE PLASTIC WITH SILVER COLOR COATING (SNORKEL).
- (2) TRANSPARENT PLASTIC (MOUTH PIECE OF SNORKEL/EYECUP, HEADSTRAP OF MASK).
- (3) ORANGE PAPER LABEL WITH PLASTIC FILM (TOP OF SNORKEL).
- (4) 18mm TRANSPARENT ADHESIVE TAPE (TOP OF SNORKEL) (SAMPLE WEIGHT : 42mg).
- (5) SEMI-TRANSPARENT PLASTIC (EXHAUST PORT OF SNORKEL).
- (6) TRANSPARENT PLASTIC (LEN OF MASK).
- (7) WHITE PLASTIC WITH BLACK COATING (SKIRT OF MASK).
- (8) TRANSPARENT BLUE PLASTIC (SKIRT OF MASK).
- (9) BLACK PLASTIC (STRAP BUCKLE OF MASK).

REMARK : SINCE THE SAMPLE WEIGHT OF COATING WAS FOUND LESS THAN 10mg, COATING WITH BASE MATERIAL OF TESTED COMPONENTS (1) AND (7) WERE TESTED.

DATE SAMPLE RECEIVED : MAR 15, 2007
 TESTING PERIOD : MAR 15, 2007 TO MAR 17, 2007

 END OF REPORT