

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: HKGH01001597

Applicant: VASEN INTERNATIONAL LIMITED
FLAT 909-911 9/F KWONG SANG HONG CTR
151-153 HOI BUN RD
KWUN TONG KLN
HK
Attn: DANIEL / KELLY

Date: May 12, 2010

Sample Description:

Submitted samples said to be :

Item name : Junior Swim Mask with four assorted styles :
- Shark.
- Frog.
- Crab.
- Dolphin.

Ref. no. : MSG-1000.
MSG-3111521G57 (Shark).
MSG-3101521G59 (Frog).
MSG-3109521G55 (Crab).
MSG-3112521G56 (Dolphin).

Quantity : Three pieces per style.

Labelled age warning : Not suitable for children under 36 months due to small parts which may pose a choking hazard.

Packaging provided : Yes.

Vendor : Vasen.

Buyer : EMC Distribution.

Country of origin : China.



To be continued

For and on behalf of :
Intertek Testing Services HK Ltd.

Karen S.C. Ng
General Manager





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Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

Comment:

The testing scope of the following standards was not applicable to the submitted samples. However, the test results of the samples met the related requirements as stated in this report.

- EN71-1 : 2005 and A9 : 2009 for mechanical and physical properties.
- EN71-2 : 2006 + A1 : 2007 flammability test.
- EN71 Part 3 : 1994 and amendment A1 : 2000 and AC : 2002 Toxic Elements Analysis.

For and on behalf of :
Intertek Testing Services HK Ltd.

Karen S.C. Ng
General Manager



Test Report

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Tests Conducted

1 Mechanical and Physical Test

With reference to European Standard on Safety of toys EN71-1 : 2005 + A9 : 2009.

Appropriate age group for testing : For ages over 3 years.

<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 metallic wires.
- 4) 4.14.2 Masks and helmets.

= The item examined is not a toy. Therefore, the warning and other requirements as specified in this section do not apply.

Date sample received : May 03, 2010
Testing period : May 03, 2010 to May 07, 2010

2 Flammability Test

With reference to European Standard on Safety of toys EN71-2 : 2006 + A1 : 2007.

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	General	P
4.2	Toys to be worn on the head	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 (Animal and Dolls Etc.) With a piled or textile surface	NA

Remark : P = Pass NA = Not applicable

Date sample received : May 03, 2010
Testing period : May 03, 2010 to May 07, 2010



Test Report

Number: HKGH01001597

Tests Conducted

3 Toxic Elements Analysis

With reference to European Standard on Safety of Toys EN71 Part 3 : 1994 and amendment A1 : 2000 and AC : 2002, 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>(6)</u>	<u>(7)</u>	<u>Mg/kg</u>
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

Sol. = Soluble

< = Less than

mg/kg = milligram per kilogram

Tested components :

- (1) Off white plastic (strap of all mask).
- (2) Shiny translucent plastic (all mask).
- (3) Shiny transparent black plastic (black mask).
- (4) Shiny transparent blue plastic (blue mask).
- (5) Shiny transparent orange plastic (orange mask).
- (6) Shiny transparent green plastic (green mask).
- (7) Coatings (white, black, yellow) on plastic (all mask).

Date sample received : May 03, 2010

Testing period : May 03, 2010 to Apr 27, 2010

End of report

