

Number: TWNC00297148 Test Report

Applicant: Gogo Toys Co., Ltd.

> No.836 Shui-Che-Tou Sec. Guan-Pu Road, Hsin Pu Hsin-Chu Hsien 305-43

Taiwan ROC

Sample Description:

One (1) group of submitted samples said to be:

Item Name : Shape Match Board

Item No. :20438 Quantity :1 Group Country Of Origin : Taiwan

:Jan 28, 2013 Date Sample Received Date Test Started :Jan 28, 2013

Test Conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

Please see page two.

Remarks:

#1 = Results were transferred from report No. TNWC00224311 Feb 18, 2013. #2 = Results were transferred from report No. TNWC00295524 Jan 29, 2013.

Authorized by:

On Behalf of Intertek Testing Services

Taiwan Limited



K. Y. Liang Director



Date : Feb 20, 2013



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Conclusion:

Tested sample Standard Result Submitted samples Physical and mechanical properties Pass

- As per European standard on safety

of toys EN 71 part 1: 2011

Flammability test Pass

- As per European standard on

safety of toys EN 71 part 2: 2011

Tested Components Of Toxic Elements Analysis Pass

Submitted Samples - As Per European standard on safety

of toys EN 71 Part 3: 1994 And Amendment A1: 2000/ AC: 2002

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Physical And Mechanical Properties

As per European standard on safety of toys EN 71 part 1: 2011

Applicant's specified age group for testing : For ages over 2 years.

Clause	Testing item	Assessment		
4*	General requirements	P		
5*	Toys intended for children under 36 months	P		
6	Packaging	NA		
7*	Warnings, markings and instructions for use	P		

Remarks: P = Pass; NA = Not applicable

* = The following subclauses of the standard are found applicable:

- 4.1 Material cleanliness 1)
- 2) 4.8 Points and metallic, wires
- 3) 5.1 General requirements
- 7 Warning, markings and instructions for use 4)
- 5) 7.1 General

2. Flammability Test

As per European standard on safety of toys EN 71 part 2: 2011

Clause	Testing item	Assessment						
4.1	General							
	 Cellulose nitrate 	P						
	- Pile surface	NA						
	- Flammable gas and liquid	NA						
4.2	Toys to be worn on the head $(5.2/5.3/5.4)$	NA						
4.3	Toy disguise costumes and toys intended to be	NA						
4 4	worn by a child in play (5.4)	3.7.3						
4.4	Toys intended to be entered by a child (5.4)	NA						
4.5	Soft-filled toys(5.5) NA							
Remarks	$\mathtt{p} = \mathtt{Pass}$							
	NA = Not applicable							





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Toxic Elements Analysis

As per European standard on safety of toys EN71 part 3: 1994, amendment A1: 2000/ AC: 2002, acid extraction method was used and toxic elements content were determined by inductively coupled plasma-optical emission spectrometer (ICP-OES).

Element	Result (mg/kg)							Limit	
	<u>(1)</u>	(2) (#1)	<u>(3)</u>	(4) (#2)	(5) (#2)	<u>(6)</u>	<u>(7)</u>	<u>(8)</u>	(mg/kg)
Sol. Lead (Pb)	<1	<1	<1	<1	<1	<1	<1	<1	90
Sol. Cadmium (Cd)	<1	<1	<1	<1	<1	<1	<1	<1	75
Sol. Antimony (Sb)	<1	<1	<1	<1	<1	<1	<1	<1	60
Sol. Chromium (Cr)	<1	<1	<1	<1	<1	<1	<1	<1	60
Sol. Barium (Ba)	6	2	25	5	<1	7	9	3	1000
Sol. Mercury (Hg)	<1	<1	<1	<1	<1	<1	<1	<1	60
Sol. Selenium (Se)	<1	<1	<1	<1	<1	<1	<1	<1	500
Sol. Arsenic (As)	<1	<1	<1	<1	<1	<1	<1	<1	25

Remarks: mg/kg = Milligram per kilogram based on dry weight of sample

= Soluble Sol. = Less than

The Analytical Results Were Adjusted By Subtracting Analytical Correction Factor.

Tested Components:

- (1)Plywood wooden
- (2) Transparent coating
- (3) Navy blue coating on block
- (4)Yellow coating on block
- (5)Red coating on block
- (6) Dim Green coating on block
- (7)Blue coating on block
- (8) Orange coating on block

End of Report

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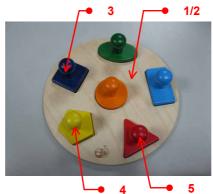


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Test Conducted

Photo







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