

# Test Report

KEN YO INTERNATIONAL CO., LTD.

12F-2, NO.332, GACHENG STREET, TAICHUNG 408,  
TAIWAN, REP. OF CHINA

Report No: CY/2005/90398

Date: 2005/09/22

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**The following merchandise was submitted & identified by the client as:**

Type of Product: E.V.A FOAM MATS / PUZZLES  
Style/Item No: KY-SERIES  
Manufacturer/Vendor: KEN YO INTERNATIONAL CO., LTD.  
Country of Origin: TAIWAN AND CHINA  
Labeled Age Grading: NOT STATED  
Age group Applied in Testing: FOR AGES 3 YEARS AND UP  
Date of Sample received: 2005/09/14

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	<b>Test Requested/Standard</b>	<b>Conclusion</b>
1.	EN 71 Part 1:1998, A1:2001, A2:2002, A4:2004, A5:2000, A6:2002, A7:2002, A8:2003, A9:2004, A10:2004 and A11:2004- Mechanical and Physical test (Excluding clause 7)	<b><u>PASS</u></b>
2.	EN 71 Part 2:2003 - Flammability test	<b><u>PASS</u></b>
3.	EN 71 Part 3:1994, A1:2000- Migration of Certain Elements	<b><u>PASS</u></b>

(Note: EN 71 & BS 5665 are identical)

  
 Daniel Yeh, M.R. / Operation Manager  
 Signed for and on behalf of  
 SGS TAIWAN LTD.

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## **Test Results:**

European Standard - Safety of Toys: EN 71 Part 1:1998 with the incorporation of amendments A1: 2001, A2:2002, A4:2004, A5:2000, A6:2002, A7:2002, A8:2003, A9:2004, A10:2004 and A11:2004 -Mechanical & physical properties

4.1	Material	<u>PASS</u>
4.2	Assembly	<u>N/A</u>
4.3	Flexible plastic sheeting	<u>N/A</u>
4.4	Toy bags	<u>N/A</u>
4.5	Glass	<u>N/A</u>
4.6	Expanding materials	<u>N/A</u>
4.7	Edges	<u>PASS</u>
4.8	Points and wires	<u>PASS</u>
4.9	Protruding parts	<u>N/A</u>
4.10.1	Folding and slide mechanism	<u>N/A</u>
4.10.2	Driving mechanisms	<u>N/A</u>
4.10.3	Hinges	<u>N/A</u>
4.10.4	Spring	<u>N/A</u>
4.11	Mouth actuated toys	<u>N/A</u>
4.12	Balloons	<u>N/A</u>
4.13	Cords of toy kites and other flying toys	<u>N/A</u>
4.14.1	Toys which a children can enter	<u>N/A</u>
4.14.2	Masks and helmets	<u>N/A</u>
4.15.1	Toys propelled by the child or by other means	<u>N/A</u>
4.15.2	Free wheeling toy bicycles	<u>N/A</u>
4.15.3	Swings and similar toys	<u>N/A</u>
4.15.4	Rocking horses and similar toys	<u>N/A</u>
4.15.5	Toys not propelled by a child	<u>N/A</u>
4.15.6	Toy scooters	<u>N/A</u>
4.16	Heavy immobile toys	<u>N/A</u>
4.17	Projectiles	<u>N/A</u>
4.18	Aquatic toys	<u>N/A</u>
4.19	Percussion caps specifically designed for use in toys	<u>N/A</u>
4.20	Acoustics	<u>N/A</u>
4.21	Toys containing a heat source	<u>N/A</u>

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4.22 Small balls	<u>N/A</u>
5.0 Toys intended for children under 36 months	<u>N/A</u>
5.1 General requirement	<u>N/A</u>
5.2 Filling materials	<u>N/A</u>
5.3 Adhesion of plastic sheeting	<u>N/A</u>
5.4 Cords on toys	<u>N/A</u>
5.5 Liquid Filled toys	<u>N/A</u>
5.6 Swings	<u>N/A</u>
5.7 Speed limitation of electrically driven toys	<u>N/A</u>
5.8 Glass and porcelain	<u>N/A</u>
5.9 Shape and size of certain toys .	<u>N/A</u>
5.10 Toys comprising monofilament fibers	<u>N/A</u>
5.11 Small balls	<u>N/A</u>
5.12 Play figures	<u>N/A</u>
5.13 Hemispheric shaped toys	<u>N/A</u>
5.14 Suction cups	<u>N/A</u>
6.0 Packaging	<u>N/A</u>
7.0 & 7.1 Warnings and instruction for use	<u>EXCLUDE</u>

European Standard - Safety of Toys : EN 71 Part 2:2003 - Flammability of Toys

4.1 General Requirements	PASS
Shall not burn as containing Cellulose Nitrate and Material with the same behavior in fire	PASS
Pile surface flash.	N/A
4.2 Toys to be worn on the head which include beards, moustaches, wigs, etc made from hair, pile or material with similar features, mounded and fabric masks, and flowing material attached to hats, masks etc.	N/A
4.3 Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4 Toys intended to be entered by a child	N/A
4.5 Soft filled toys( animals and dolls, etc) with a piled or textile surface	N/A

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EN 71 Part 3:1994 with the incorporation of amendments A1:2000

- Migration of Certain Element

Element		1	2	<u>PASS</u> Limit
Lead	(Soluble)	< 5.0	< 5.0	90 mg/kg
Antimony	(Soluble)	< 5.0	< 5.0	60 mg/kg
Arsenic	(Soluble)	< 2.5	< 2.5	25 mg/kg
Barium	(Soluble)	< 10.0	< 10.0	1000 mg/kg
Cadmium	(Soluble)	< 5.0	< 5.0	75 mg/kg
Chromium	(Soluble)	< 5.0	< 5.0	60 mg/kg
Mercury	(Soluble)	< 5.0	< 5.0	60 mg/kg
Selenium	(Soluble)	< 5.0	< 5.0	500 mg/kg

## Description:

1. Blue foam of sample.
2. Dk. red foam of sample.

Note: Date of testing : 2005/09/15-09/22  
 N/A = Not applicable  
 < = Less than  
 \* = Results shown are of the adjusted analytical results.  
 1 ppm = 1 mg/kg

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