



NUMBER : TSNH00142922

Applicant :

[Redacted Applicant Name]

Date : Nov 07, 2014

ATTN :STEVE

Sample Description:

One (1) submitted sample said to be
Item Name :Balloon"9D".
Age grading for test :3+.
Package Provide Or No :Yes.
Label age grading :8+.

Tests Conducted:

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

Conclusion:

Table with 3 columns: Tested sample/component, Standard, Result. Rows include Submitted sample for mechanical/physical properties, Submitted sample for EN71 Part 2 flammability test, Tested component for migration of elements, and Tested component for N-nitrosatable substances.

To Be Continued

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd.

[Handwritten Signature]

David Zhang
Assistant Manager



NUMBER : TSNH00142922

1. Mechanical and Physical Test

As per European Standard on Safety of toys EN71-1: 2011+A3:2014.

Applicant's specified age group for testing: Over three years of age.

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	P
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA



NUMBER : TSNH00142922

Clause	Testing items	Assessment
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	P
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P#
7.3	Latex balloons	P
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inlineskates and skateboards	NA
7.11	Toys intended to be attached to strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA

Remark : P = Pass NA = Not Applicable

To be continued



NUMBER : TSNH00142922

= - Age warning statement and indication of hazard was found on the packaging.

Remark : Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

- Manufacturer's name was missed.
- Manufacturer's address was missed.
- Importer's name was on the packaging.
- Importer's address was on the packaging.
- Product identification code was on the packaging.
- CE-marking was on the packaging.
- The CE-marking on the packaging was not in a correct format.

To be continued



NUMBER : TSNH00142922

2. Flammability Test

As per European Standard on Safety of Toys EN71-2:2011+A1:2014

<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	NA

Remark : P = Pass NA = Not applicable

To be continued



NUMBER : TSNH00142922

3. 19 Toxic Element Migration Test

(A) Test Result

As per EN71-3:2013 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, liquid Chromatography- Inductively Coupled Plasma-Mass Spectrometry, and Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material

Element	Result (mg/kg)	Limit (mg/kg)
	(1)	
Aluminium (Al)	<300	70000
Antimony (Sb)	<10	560
Arsenic (As)	<10	47
Barium (Ba)	<10	18750
Boron (B)	<50	15000
Cadmium (Cd)	<5	17
Chromium (III) (Cr III)	<10	460
Chromium (VI) (Cr VI)	<0.2	0.2
Cobalt (Co)	<10	130
Copper (Cu)	<10	7700
Lead (Pb)	<10	160
Manganese (Mn)	<10	15000
Mercury (Hg)	<10	94
Nickel (Ni)	<10	930
Selenium (Se)	<10	460
Strontium (Sr)	<100	56000
Tin (Sn)	<10	180000
Organic tin	<3	12
Zinc (Zn)	<100	46000

Remark : mg/kg = milligram per kilogram

- Organic tin test result was expressed as tributyl tin.

- Unless specified, determination of Chromium (III), Chromium (VI) and Organic tin was based on elemental analysis.

The above reference limit was quoted according to Annex II Part III Items 13 of the European Council Directive 2009/48/EC, amendment 2012/7/EU and amendment 681/2013/EU for 19 toxic elements in toys.

Tested Component:

(1) Yellow balloon.

Intertek Testing Services(Tianjin) Ltd.

No.7 Guiyuan Road, Huayuan Hi-Tech Park, Tianjin, 300384, P.R.China

天津华苑新技术产业园区桂苑路 7 号 邮编 300384

Tel : (8622) 8371 2202 Fax : (8622) 8371 2205

Email : consumergoods.tianjin@intertek.com



NUMBER : TSNH00142922

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III : Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone , leather and other materials).

To be continued



NUMBER : TSNH00142922

4. N-Nitrosamine and N-nitrosatable Substances on tested component(1).

As per EN 71-12: 2013 and followed by High Performance Liquid Chromatography - Mass Spectrometer (HPLC-MS/MS).

For elastomers:

<u>Test Substance</u>	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
N-nitrosodiethanolamine [#]	<0.01	0.05
N-nitrosatable substances	0.71	1

Remarks: Detection limit = 0.02mg/kg (for finger paint) / 0.01mg/kg (for elastomers)
 < = less than
 # = Sum of N-nitrosodiethanolamine, including N-nitrosodiethanolamine (NDELA), N-nitrosodimethylamine (NDMA), N-nitrosodiethylamine (NDEA), N-nitrosodipropylamine (NDPA), N-nitrosodiisopropylamine (NDiPA), N-nitrosodibutylamine (NDBA), N-nitrosodiisobutylamine (NDiBA), N-nitrosodiisononylamine (NDiNA), N-nitrosomorpholine (NMOR), N-nitrosopiperidine (NPIP), N-nitrosodibenzylamine (NDBzA), N-nitroso-N-methyl-N-phenylamine (NMPPhA) and N-nitroso-N-ethyl-N-phenylamine (NEPhA).

Tested Component:
(1)Yellow balloon.

Date sample received : Oct 16, 2014
Testing period : Oct 16, 2014 to Nov 07, 2014

To Be Continued

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.

Photo



TSNH00142922

End Of Report