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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: HKGH0177154503

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 - Mechanical and Physical test	Pass
(2) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 - Celluloid or Cellulose Nitrate	Pass
(3) EN71-1 : 2011 + A3 : 2014 - Mechanical and physical properties	Pass
(4) EN71-2 : 2011 + A1:2014 - Flammability test	Pass
(5) BS EN 71-8:2011, Safety of toys - Part 8: Activity toys for domestic use *****	Pass



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(1) Physical and Mechanical Test

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17.

Age group for testing : For ages over 2 years

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations(SOR/2011-17):	
<u>Test</u>	<u>Parameter</u>
Drop test	4 x 4.5 ft
Pull test	10 lbf
Push test	10 lbf

No.	Testing Items	Assessment
3	General - English and French bilingual statement	P
4	Packaging	P
	Electrical hazard	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	Mechanical hazard	
7	Small parts	P
8	Metal edges	P
9	Wire frames	NA
10	Plastic edges	P
11	Wooden surfaces, edges and corners	NA
12	Glass	NA
13	Fasteners	P
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	P
18	Stationary toy that is intended to bear the weight of a child	NA
	Auditory hazards	
19	Noise limit	NA
	Thermal hazards	
20	Heated surfaces, parts or substances	NA
	Dolls, plush toys and soft toys	
28	Fastenings to attach parts, clothing or ornamentation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA



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No.	Testing Items	Assessment
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA
	Plant seeds	
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
37	Pull and push toys that has a shaft-like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Batteries	NA

Remark : P = Pass NA = Not applicable

Remark: Due to the large size and heavy weight of the sample, the tip over test was conducted according to ISO 8124-1 2014 section 5.24.3 instead of drop test.

Date sample received : Mar 24, 2015 and Apr 02, 2015
Testing period : Mar 24, 2015 to Apr 08, 2015

(2) Cellulose Nitrate and Celluloid

Test Standard : Canada Consumer Product Safety Act Toys Regulation SOR 2011-17 Section 21.

Cellulose Nitrate/Celluloid	<u>Assessment</u> Absent	<u>Requirement</u> Absent
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Date sample received : Mar 24, 2015 and Apr 02, 2015
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(3) Mechanical and Physical Test

Test standard: European Standard on Safety of toys EN71-1 : 2011 + A3 : 2014

Age group for testing : For ages over 2 years

The submitted samples were undergone the following abuse tests:	
<u>Clause</u>	<u>Testing items</u>
8.3	Torque test (0.34 Nm)
8.4.2.1	Tension test (90 N)
8.5	Drop test (850 mm x 5)
8.6	Tip over test (Three times)
8.7	Impact test (1 kg)
8.8	Compression test (110 N)

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	P
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	P
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	P
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	P
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





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Clause	Testing items	Assessment
5	Toys intended for children under 36 months	
5.1	General requirements for children under 36 months	P
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
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	NA
7.3	Latex balloons	NA
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 and certain other ride-on toys	NA
7.11	Toys intended to be attached to strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teething	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



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Note: The submitted samples were undergone the abuse tests for Clause 5.1 and 5.2 in according to 8.3 (Torque test), 8.4 (Tension test), 8.5 (Drop test), 8.7 (Impact test), 8.8 (Compression test) and specific tests for different types of toys whichever applicable.

Remark :

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

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packagings shall also bear the CE-marking.

After checking, it was found that:

- Manufacturer's name and address was on the packaging only.
- Importer's name and address was missed.
- Product identification code was on the packaging only.

2. Cleaning instruction

A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. The toy shall fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provided instructions on how the toy has to be cleaned.

After checking, the cleaning instruction was not found on the submitted samples.

Date sample received : Mar 24, 2015 and Apr 02, 2015

Testing period : Mar 24, 2015 to Apr 08, 2015

(4) Flammability Test

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

Clause	Testing items	Assessment
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	P#
4.5	Soft filled toys	NA

Remark : P = Pass

NA= Not applicable

= The test specimen was pre-washed according to the EN71-2 Clause 5.4.1 before testing.

Date sample received : Mar 24, 2015

Testing period : Mar 24, 2015 to Mar 26, 2015



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(5) Safety Requirement for Playhouse

Test standard: BS EN 71-8:2011, Safety of toys - Part 8: Activity toys for domestic use.

For informative:

- Labeled age group: For ages over 2 years.
- Labeled maximum user weight: 25 kg

Number of samples tested: One (1) piece.

Clause	Requirement	Result
4.1	General	
4.1.1	Assembly	NA
4.1.2	Static strength	P
4.1.3	Maximum height	P
4.1.4	Corners and edges	NA
4.1.5	Protruding parts	P
4.1.6	Diameter of ropes and other means of suspension	NA
4.2	Barrier, handrails and ladders and similar means of access to activity toys	
4.2.1	Barriers and handrails preventing the child from falling down	NA
4.2.2	Ladders and similar means of access to activity toys	NA
4.3	Entrapment	
4.3.1	Head and neck entrapment	P
4.3.2	Entrapment of clothing and hair	P
4.3.3	Entrapment of feet	P
4.3.4	Entrapment of fingers	P
4.4	Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws	
4.4.2	Stability of activity toys with a free height of fall of 600 mm or less	P
4.4.3	Stability of activity toys with a free height of fall of more than 600 mm	NA
4.5	Slides	NA
4.6	Swings	NA
4.7	See-saws	NA
4.8	Carousels and rocking activity toys	NA
4.9	Paddling pools	
4.9.1	Static strength of paddling pools with non-inflatable walls	NA
4.9.2	Paddling pools with inflatable walls	NA
5.1	Warnings and markings	
5.1.1	General	P
5.1.2	Warning for Paddling pools	NA





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Clause	Requirement	Result
5.2	Assembly and installation instruction	P
5.3	Maintenance	P

Abbreviation: P = Pass; NA = Not Applicable

Date sample received : Mar 24, 2015

Testing period : Mar 24, 2015 to Mar 31, 2015

End of report

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