



Test Report

Number: SHAH00745777

Applicant: NINGBO VIGA INTERNATIONAL CO.,LTD
20F, 588 CANGHAI ROAD, NINGBO, ZHEJIANG
CHINA.
Attn: AMY

Date: 05 Dec, 2016

Sample Description:

One (1) set of submitted sample said to be :
Item Name : **Piano-18 Keys.**
Item No. : **VG50693 (50693).**
Quantity : 1 Set.
Labelled Age Group : Not Specified.
Packaging Provided By Applicant : No.
Country Of Origin : China.

Tests Conducted:

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

Conclusion:

| Tested Samples | Standard | Result |
|------------------|--|--------|
| Submitted Sample | EN71-1: 2014 for Mechanical And Physical Properties Excluding Labelling Requirement of Clause 7.1 & 7.2 | Pass |
| | EN71-2: 2011+A1: 2014 Flammability Test | Pass |
| | U.S. ASTM F963-11 Physical And Mechanical Tests | Pass |
| | U.S. ASTM F963-11 Flammability Test of Materials Other Than Textile Materials | Pass |

To be continued

Prepared And Checked / Authorized By:

Jacky Lin
Toy Lab Manager



Test Report

Tests Conducted

1 Mechanical and Physical Test

As Per European Standard on Safety of Toys EN71-1: 2014.

Applicant's Specified Age Group for Testing: For ages 3 years and up.

| Clause | Testing Items | Assessment |
|--------|--|------------|
| 4 | General Requirements | |
| 4.1 | Material Cleanliness | 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 | NA |
| 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 | P |
| 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 |
| 5.8 | Shape and Size of Certain Toys | NA |

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| Clause | Testing Items | Assessment |
|--------|---|------------|
| 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 | NA |
| 7 | Warnings, Markings and Instructions for Use | |
| 7.1 | General | # |
| 7.2 | Toys Not Intended for Children under 36 Months | # |
| 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, Inline skates, 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 Teethers | 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 |

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Remark: P = Pass NA = Not Applicable

#= The applicant certified that an age warning statement "Warning! Not suitable for children under 36 months. Small parts. Choking hazard." Should be labeled on the final packaging, as specified in clause 7.1 and 7.2.

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:

1. 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.

- All the above markings were not found.

Date Sample Received: 15 Nov, 2016 & 05 Dec, 2016

Testing Period: 15 Nov, 2016 To 05 Dec, 2016

2 **Flammability Test**

As per 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 | |
| 4.2.2 | Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude 50 mm or more from the surface of the toy | NA |
| 4.2.3 | Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude less than 50 mm from the surface of the toy | NA |
| 4.2.4 | Full or partial moulded head masks | NA |
| 4.2.5 | Flowing elements of 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

Date Sample Received: 07 Nov, 2016 & 18 Nov, 2016

Testing Period: 07 Nov, 2016 To 18 Nov, 2016

To be continued

Test Report

Tests Conducted

3 Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

Applicant's Specified Age Group for Testing: For Ages 3 years And Up

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -

| Test | FHSA | Parameter |
|------------------|--------------------|------------|
| Impact Test | Section 1500.53(b) | 4 x 3.0 ft |
| Torque Test | Section 1500.53(e) | 4 in-lbf |
| Tension Test | Section 1500.53(f) | 15 lbf |
| Compression Test | Section 1500.53(g) | 30 lbf |

| Section | Testing Items | Assessment |
|---------|--|------------|
| 4.1 | Material Quality (Visual Check on Cleanliness) | P |
| 4.3.7 | Stuffing Material (Visual Check on Contaminations) | NA |
| 4.5 | Sound-Producing Toys | P |
| 4.6.1 | Toys Intended for Children under 36 Months (Small Objects) | NA |
| 4.6.2 | Mouth-Actuated Toys | NA |
| 4.6.3 | Toys And Games for 36 Months to 72 Months (Small Part Warning) | NA |
| 4.7 | Accessible Edges | P |
| 4.8 | Projections | NA |
| 4.9 | Accessible Points | P |
| 4.10 | Wires Or Rods | NA |
| 4.11 | Nails And Fasteners | P |
| 4.12 | Plastic Film | NA |
| 4.13 | Folding Mechanisms and Hinges | NA |
| 4.14 | Cords, Straps, and Elastics | NA |
| 4.15 | Stability and Over-Load Requirements | NA |
| 4.16 | Confined Spaces | NA |
| 4.17 | Wheels, Tires and Axles | NA |
| 4.18 | Holes, Clearance, and Accessibility of Mechanisms | NA |
| 4.19 | Simulated Protective Devices | NA |
| 4.20 | Pacifiers | NA |
| 4.21 | Projectile Toys | NA |
| 4.22 | Teethers and Teething Toys | NA |
| 4.23 | Rattles | NA |
| 4.24 | Squeeze Toys | NA |
| 4.25 | Battery-Operated Toys | NA |
| 4.26 | Toys Intended to be Attached to a Crib or Playpen | NA |
| 4.27 | Stuffed and Beanbag-Type Toys | NA |
| 4.28 | Stroller and Carriage Toys | NA |
| 4.29 | Art Materials | NA |

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| Section | Testing Items | Assessment |
|---------|---|------------|
| 4.30 | Toy Gun Marking | NA |
| 4.31 | Balloons | NA |
| 4.32 | Certain Toys with Spherical Ends | NA |
| 4.33 | Marbles | NA |
| 4.34 | Balls | NA |
| 4.35 | Pompoms | NA |
| 4.36 | Hemispheric-Shaped Objects | NA |
| 4.37 | Yo Yo Elastic Tether Toys | NA |
| 4.38 | Magnets | NA |
| 4.39 | Jaw Entrapment in Handles and Steering Wheels | NA |
| 5 | Labelling Requirement | NA |
| 6 | Instructional Literature | NA |
| 7 | Producer's Markings | #1 |
| | - Name of Producer/Distributor | No |
| | - Address | No |

Remark: The submitted samples were undergone the tests in accordance with Section 8.5 through Section 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass; NA = Not Applicable

#1 = The final product or its packaging must be marked with the name and address of the producer or distributor as specified in section 7.1 of U.S. ASTM F963.

Date Sample Received: 07 Nov, 2016 & 05 Dec, 2016

Testing Period: 07 Nov, 2016 To 05 Dec, 2016

4 Flammability Test

As per section 4.2 of the ASTM Standard Consumer Safety Specification On Toy Safety F963-11.

Result = Ignited But Self-Extinguished before Burn Rate Could be Determined

Date Sample Received: 07 Nov, 2016 & 18 Nov, 2016

Testing Period: 07 Nov, 2016 To 18 Nov, 2016

To be continued

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End of report

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