



Test Report

No. GSYyyyymmdd*** Date: yyyy-mm-dd

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Result:

1. Mechanical and Physical Hazards (EN71-Part 1)

Section	Requirement	Result
4. General requirement		
4.1	Material Quality	
4.2	Assembly	
4.3	Flexible plastic sheeting	
4.4	Toy bags	
4.5	Glass	
4.6	Expanding materials	
4.7	Accessible Edges	
4.8	Points and wires	
4.9	Protruding parts	
4.10	Parts moving against each other	
4.10.1	Folding and sliding mechanisms	
4.10.2	Driving mechanisms	
4.10.3	Hinges	
4.10.4	Springs	
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	
4.12	Balloons	
4.13	Cords of toy kites and other flying toys	
4.14	Enclosures	
4.14.1	Toys which a child can enter	
4.14.2	Masks & helmets	
4.15	Toys intended to bear the mass of a child	
4.15.1	Toys propelled by a child or by other means	
4.15.2	Free-wheeling toy bicycles	
4.15.3	Rocking horses and similar toys	
4.15.4	Toys not propelled by a child	
4.15.5	Toys scooters	
4.16	Heavy immobile toys	
4.17	Projectiles	
4.17.1	General	
4.17.2	Projectile toys without stored energy	
4.17.3	Projectiles toys with stored energy	
4.17.4	Bows and arrows	
4.18	Aquatic toys and inflatable toys	
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	



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Section	Requirement	Result
4.20	Acoustics	
4.21	Toys containing a non-electrical heat source	
4.22	Small balls	
4.23	Magnets	
4.24	Yoyo balls	
4.25	Toys attached to food	
5. Toys intended for children under 36 months		
5.1	General requirements	
5.2	Soft-filled toys and soft-filled parts of a toy	
5.3	Plastic sheeting	
5.4	Cords, chains and electrical cables in toys	
5.5	Liquid-filled toys	
5.6	Speed limitation of electrically-driven ride-on toys	
5.7	Glass and porcelain	
5.8	Shape and size of certain toys	
5.9	Toys comprising monofilament fibres	
5.10	Small balls	
5.11	Play figures	
5.12	Hemispheric-shaped toys	
5.13	Suction cups	
5.14	Straps intended to be worn fully or partially around the neck	
6	Packaging	
7. Warnings, markings and instructions for use		
7.1	General	
7.2	Toys not intended for children under 36 months	
7.3	Latex Balloons	
7.4	Aquatic toys	
7.5	Functional Toys	
7.6	Hazardous sharp functional edges and points	
7.7	Projectiles	
7.8	Imitation protective masks and helmets	
7.9	Toy kites	
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	
7.12	Liquid-filled teethingers	
7.13	Percussion caps specifically designed for use in toys	
7.14	Acoustics	
7.15	Toys bicycles	



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Section	Requirement	Result
7.16	Toys intended to bear the mass of a child	
7.17	Toys comprising monofilament fibres	
7.18	Toy scooters	
7.19	Rocking horses and similar toys	
7.20	Magnetic/electrical experimental sets	
7.21	Toy with electrical cables exceeding 300mm in length	
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	
P=Pass F=Fail N/A = Not Applicable N/R = Not Requested		

Note:

1. The Toy Safety Directive 2009/48/EC contains marking and labelling requirements with respect to CE marking, manufacturer's/importer's details and identification of the toy. These are not part of the EN 71 requirements but are legally required. These details should be affixed to the toy; however the details may exceptionally be moved from the toy to the packaging if this rule cannot be followed. As per client's request, exclude clause 7.
2. The slivery sequin was detached at 83N during tension test, which became small part. There should be appropriate age warning on toy or its packaging. As per client's request, exclude clause 7.1 & 7.2
3. The slivery sequin was detached at 83N during tension test, which became small part. There should be appropriate age warning "Warning! Not suitable for children under 36 months" on toy or its packaging

2. Flammability of Toys (EN71-Part 2)

Clause	Description	Result
4. Requirements		
4.1	General Requirements	Pass (See Remark 1)
4.2	Toys to be worn on the head	Fail (See Remark 2, 3, 4, 5)
4.3	Toy disguise costumes and toys intended to be worn by a child in play	Pass (See Remark 6)
4.4	Toys intended to be entered by a child.	Not Applicable
4.5	Soft-filled toys (animals and dolls, etc) (Sample was not tested if its maximum dimension is 150mm or less.)	Not Applicable
Clause 4.5 _____ was not tested as its maximum dimension is 150 mm or less		
Clause 4.2/4.3/4.4 _____ was not tested, since the specimen in the toy did not produce sufficient material for testing.		

Note:

1. As the product under test is not in the test scope of EN71, however, required by the applicant, we have adopted the test method of EN71-Part2: 2011 +A1:2014 Flammability to perform the above test and get the conclusion refer to EN71-Part2: 2011+A1:2014 Flammability.
2. Only applicable clauses were shown.



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Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to the Directive 2009/48/EC – Safety of toys

	Observation Result	Location
Washing/Cleaning instruction	Not Applicable	--
CE mark	Absent	--
Importer's Name & Address	Present	Packaging
Manufacturer's Name & Address	Present	Packaging
Product ID	Present	Packaging

Note:

1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.

Manufacturers must 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.



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3. Migration of Certain Elements (EN71-Part 3)

Test Item(s)	Unit	MDL	Limit ^{#1}	Result			
				1	2	3	4
Aluminium (Al)	mg/kg	50.0	5625	ND	ND	ND	ND
Barium (Ba)	mg/kg	50.0	1500	ND	ND	ND	ND
Boron (B)	mg/kg	50.0	1200	ND	ND	ND	ND
Manganese (Mn)	mg/kg	50.0	1200	ND	ND	ND	ND
Strontium (Sr)	mg/kg	50.0	4500	ND	ND	ND	ND
Tin (Sn)	mg/kg	50.0	15000	ND	ND	ND	ND
Zinc (Zn)	mg/kg	50.0	3750	ND	ND	ND	ND
Copper (Cu)	mg/kg	50.0	622.5	ND	ND	ND	ND
Antimony (Sb)	mg/kg	1.0	45	ND	ND	ND	ND
Arsenic (As)	mg/kg	0.50	3.8	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	0.30	1.3	ND	ND	ND	ND
Cobalt (Co)	mg/kg	1.0	10.5	ND	ND	ND	ND
Lead (Pb)	mg/kg	1.0	13.5	ND	ND	ND	ND
Mercury (Hg)	mg/kg	0.50	7.5	ND	ND	ND	ND
Nickel (Ni)	mg/kg	10.0	75	ND	ND	ND	ND
Selenium (Se)	mg/kg	5.0	37.5	ND	ND	ND	ND
Chromium III (CrIII)*	mg/kg	5.0	37.5	ND	ND	ND	ND
Chromium VI (CrVI)	mg/kg	0.02	0.02	ND	ND	ND	ND
Organic tin	mg/kg	0.9	0.9	ND	ND	ND	ND
Evaluation				PASS	PASS	PASS	PASS

Note:

- M.D.L. = Method Detection Limit
- ND = Not detected, less than M.D.L.
- mg/kg=Milligram per kilogram based on dry weight, ppm
- The analytical results were adjusted by subtracting analytical correction factor.

Sample ID.	Test Part Description
1	
2	
3	

*** END OF REPORT ***



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