



TEST REPORT

LAB NO. : (9317)185-0865-R1
DATE : Jul 24, 2017
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The report is amendment of and supersedes the previous report (9317)185-0865 dated Jul 21, 2017

APPLICANT : **FLASHBAY ELECTRONICS**
BLGD B&C XI FENG CHENG IND ZONE, NO. 2 FUYUAN
ROAD HE PING, VILLAGE, FUYONG TOWN, SHENZHEN

CONTACT PERSON : LEVIN

DATE OF SUBMISSION : Jul 04, 2017

TEST PERIOD : Jul 06, 2017 to Jul 21, 2017

NO. OF WORKING DAYS : 12

SAMPLE DESCRIPTION : Fidget Spinner

Color: /

Style no. / Model no.: Sport(SP)

P.O. No.: /

Country of Origin: China

Country of Destination: /

MANUFACTURER : /

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Total Cadmium Content in Plastic Material - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Entry 23	PASS	
Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2)	Not Applicable	
Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)	PASS	
Soluble Heavy Metals Content in Surface Coating - ASTM International Standard ASTM F963-16, Section 4.3.5.1(2)	Not Applicable	

LA

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SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Soluble Heavy Metals Content in Substrate - ASTM International Standard ASTM F963-16, Section 4.3.5.2(2)(b)	PASS	
Migration of Certain Elements - European Parliament and Council Directive 2009/48/EC, Annex II, Part III, Point 13 with its Latest Amendment	PASS	
Phthalates Content in Toys and Childcare Articles - European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Amendments up to EC No. 552/2009, Annex XVII, Entry 51	PASS	
Phthalates Content in Toys and Childcare Articles which can be placed in the Mouth by Children - European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Amendments up to EC No. 552/2009, Annex XVII, Entry 52	PASS	
Phthalates Content in Children's Toys and Child Care Articles - Consumer Product Safety Improvement Act (CPSIA), Section 108(a)	PASS	
Phthalates Content in Children's Toys and Child Care Articles - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(b)(1)	PASS	
Nickel Release for Articles intended to come into Direct and Prolonged Skin Contact - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Annex XVII, Entry 27, Points 1(b) and 1(c)	PASS	
MECHANICAL TEST (ASTM F963)	PASS	
FLAMMABILITY TEST (ASTM F963)	PASS	
MECHANICAL TEST (EN-71)	PASS	
FLAMMABILITY TEST (EN-71)	PASS	

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	Black plastic (body case)
2	Black plastic (o-ring)
3	Silvery metal (o-ring)



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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

NINA REN
SENIOR MANAGER



REMARK

If there are questions or concerns on this report, please contact the following persons:

- a) GENERAL TEL: (86)755 83437287
FAX: (86)755 83439100
- b) BUSINESS SZ TEL: (86)755 21534695
FAX: (86)755 83439100
BUSINESS GZ TEL: (86) 20 87148525
FAX: (86) 20 87148528
- EMAIL: eechemical.sc@cn.bureauveritas.com
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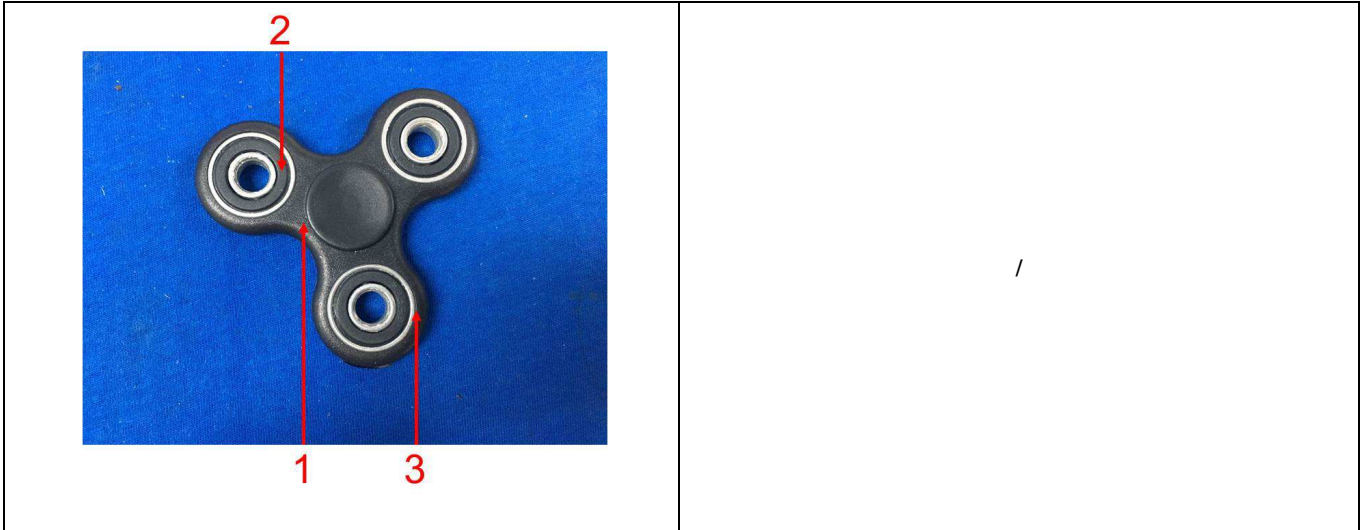


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Photo of the Submitted Sample



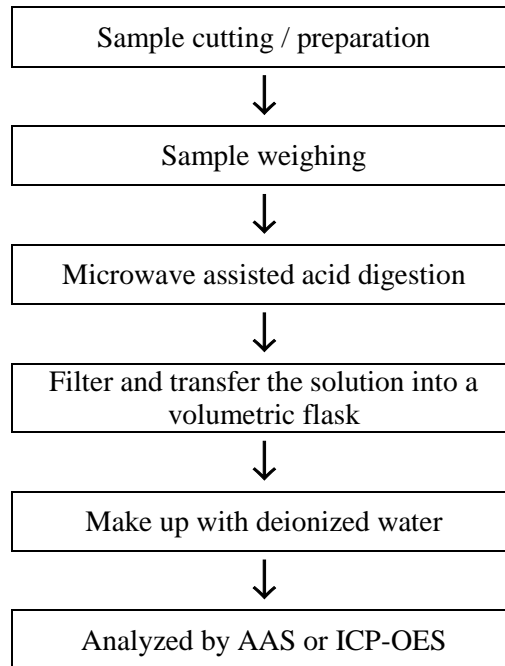
Photograph of test item(s)





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APPENDIX – TEST PROCESS





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TEST RESULT

Migration of Certain Elements - European Parliament and Council Directive 2009/48/EC, Annex II, Part III, Point 13 with its Latest Amendment

Test Method : European Standard EN 71 Part 3: 2013 with Amendment A1: 2014, Section 8.

See Soluble Element (Parameter) and its corresponding Maximum Allowable Limit (Req.) in Result Table	Type I	Dry, brittle, powder-like or pliable toy material
	Type II	Liquid or sticky toy material
	Type III	Scraped-off toy material

-	Unit	Req.	Result	
Test Item(s)	-	-	1	2
Type	-	III	III	III
Parameter	-	-	-	-
Mass of Trace Amount	g	-	-	-
Aluminium (Al)	mg/kg	70000	ND	ND
Antimony (Sb)	mg/kg	560	ND	ND
Arsenic (As)	mg/kg	47	ND	ND
Barium (Ba)	mg/kg	18750	ND	ND
Boron (B)	mg/kg	15000	ND	ND
Cadmium (Cd)	mg/kg	17	ND	ND
Chromium III (Cr III)	mg/kg	460	ND	ND
Chromium VI (Cr VI)	mg/kg	0.2	ND	ND
Cobalt (Co)	mg/kg	130	ND	ND
Copper (Cu)	mg/kg	7700	ND	ND
Lead (Pb)	mg/kg	160	ND	ND
Manganese (Mn)	mg/kg	15000	ND	ND
Mercury (Hg)	mg/kg	94	ND	ND
Nickel (Ni)	mg/kg	930	ND	ND
Selenium (Se)	mg/kg	460	ND	ND
Strontium (Sr)	mg/kg	56000	ND	ND
Tin (Sn)	mg/kg	180000	ND	ND
Organic tin	mg/kg	12	ND	ND
Zinc (Zn)	mg/kg	46000	ND	ND
Conclusion	-	-	PASS	PASS

Note / Key :

ND = Not detected

NR = Not requested

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

[] = Detection Limit by In House Ion Chromatography Analysis

{ } = Detection Limit by test method with reference to EN 71 Part 3: 2013 with Amendment A1: 2014, Annex G

">" = Greater than

g = gram(s)

Req. = Requirement

INCON. = Inconclusive



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Detection Limit (mg/kg) :

For Type I - Al : 562.5; Sb : 4.5; As : 0.38; Ba : 150; B : 120; Cd : 0.13; Cr III : 3.75; Cr VI : 0.005 [0.002];

Co : 1.05; Cu : 62.25; Pb : 0.2; Mn : 120; Hg : 0.75; Ni : 7.5; Se : 3.75; Sr : 450; Sn : 1 500;

Organic tin : 0.09 {0.04}; Zn : 375

For Type II - Al : 140.6; Sb : 1.13; As : 0.09; Ba : 37.5; B : 30; Cd : 0.03; Cr III : 0.94; Cr VI : 0.005 [0.002];

Co : 0.26; Cu : 15.6; Pb : 0.05; Mn : 30; Hg : 0.19; Ni : 1.88; Se : 0.94; Sr : 112.5; Sn : 375;

Organic tin : 0.02 {0.04}; Zn : 93.8

For Type III - Al : 7 000; Sb : 56; As : 4.7; Ba : 1 875; B : 1 500; Cd : 1.7; Cr III : 46; Cr VI : 0.02 [0.002];

Co : 13; Cu : 770; Pb : 2.3; Mn : 1 500; Hg : 9.4; Ni : 93; Se : 46; Sr : 5 600; Sn : 18 000; Organic tin : 1.2 {2};

Zn : 4 600

Remark :

- Results of Cr III and Cr VI were reported as sum of soluble chromium content unless further verified.
 - Result(s) of organic tin was (were) calculated by assuming the soluble tin content was wholly contributed from tributyltin (TBT) cation unless further specified.
 - The received sample(s) contained accessible component(s) of less than 10 milligrams by weight on one single sample, therefore such component(s) was (were) not subject to migration of certain elements of European Standard, "Safety of Toys, EN 71 Part 3: 2013 with Amendment A1: 2014", as specified in Section 7.1 - Selection of test portions.
-



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TEST RESULT

Phthalates Content in Toys and Childcare Articles - European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Amendments up to EC No. 552/2009, Annex XVII, Entry 51

Test Method : Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Maximum Allowable Limit :	0.1 % (Sum of all listed phthalates)
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Test Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1+2	DEHP Sum of all listed phthalates	0.011 0.011	%	PASS

Note / Key :

ND = Not detected

% = percent

Detection Limit (%) : Each 0.005

">" = Greater than

1 % = 10000 mg/kg

Conc. = Concentration

mg/kg = milligram(s) per kilogram

Remark :

- The list of phthalates is summarized in table of Appendix.



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List of Phthalates [European EC No. 1907/2006, Annex XVII, Entry 51] :					
No.	Name of Analytes	CAS-No. [EC No.]	No.	Name of Analytes	CAS-No. [EC No.]
1	Butyl benzyl phthalate (BBP)	85-68-7 [201-622-7]	3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7 [204-211-0]
2	Dibutyl phthalate (DBP)	84-74-2 [201-557-4]	-	-	-



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Phthalates Content in Toys and Childcare Articles which can be placed in the Mouth by Children - European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Amendments up to EC No. 552/2009, Annex XVII, Entry 52

Test Method : Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Maximum Allowable Limit :	0.1 % (Sum of all listed phthalates)
----------------------------------	---

Test Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1+2	ND	ND	%	PASS

Note / Key :

ND = Not detected

% = percent

Detection Limit (%) : Each 0.005

">" = Greater than

1 % = 10000 mg/kg

Conc. = Concentration

mg/kg = milligram(s) per kilogram

Remark :

- The list of phthalates is summarized in table of Appendix.
- Test Item(s) has (have) to comply together with the phthalates requirement of European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Amendments up to EC No. 552/2009, Annex XVII, Entry 51.



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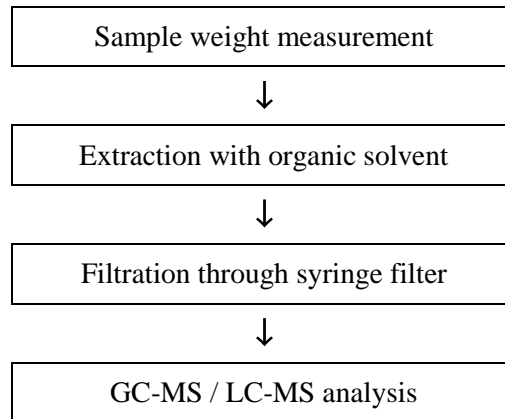
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List of Phthalates [European EC No. 1907/2006, Annex XVII, Entry 52] :					
No.	Name of Analytes	CAS-No. [EC No.]	No.	Name of Analytes	CAS-No. [EC No.]
1	Di-iso-nonyl phthalate (DINP)	28553-12-0 & 68515-48-0 [249-079-5 & 271-090-9]	3	Di-iso-decyl phthalate (DIDP)	26761-40-0 & 68515-49-1 [247-977-1 & 271-091-4]
2	Di-n-octyl phthalate (DNOP)	117-84-0 [204-214-7]	-	-	-



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TEST RESULT

Phthalates Content in Children's Toys and Child Care Articles - Consumer Product Safety Improvement Act (CPSIA), Section 108(a)

Test Method : With reference to U. S. CPSC Test Method CPSC-CH-C1001-09.3 (April 1, 2010).

Maximum Allowable Limit :	Each 0.1 %
----------------------------------	-------------------

Test Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1+2	DEHP	0.011	%	PASS

Note / Key :

ND = Not detected

% = percent

Detection Limit (%) : Each 0.005

">" = Greater than

1 % = 10000 mg/kg

Conc. = Concentration

mg/kg = milligram(s) per kilogram

Remark :

- The list of phthalates is summarized in table of Appendix.



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List of Phthalates [CPSIA, Section 108(a)] :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Butyl benzyl phthalate (BBP)	85-68-7	3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7
2	Dibutyl phthalate (DBP)	84-74-2	-	-	-



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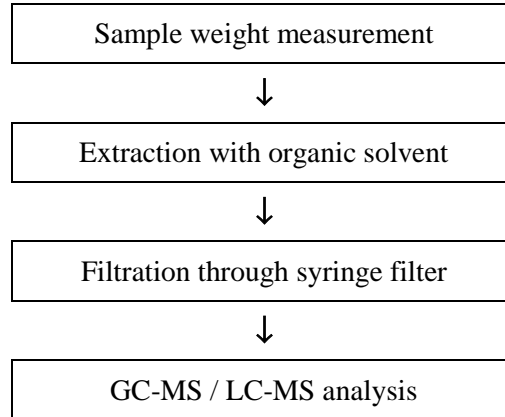
List of Phthalates [U. S. CPSIA of 2008, 108(b)(1)] :					
No.	Name of Analyte(s)	CAS-No.	No.	Name of Analyte(s)	CAS-No.
1	Di-n-octyl phthalate (DNOP)	117-84-0	3	Di-iso-decyl phthalate (DIDP)	26761-40-0
2	Di-iso-nonyl phthalate (DINP)	28553-12-0	-	-	-

CAS-No. = Chemical Abstracts Service registry number



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TEST RESULT

Note: No relevant packaging was provided with the submitted sample(s). Consequently, evaluation of the applicable labelling requirements of the ASTM F963, "Standard Consumer Safety Specification on Toy Safety", was not conducted.

Note: No relevant packaging was provided with the submitted sample(s), consequently, evaluation of the labeling requirements of the European Standard, "Safety of toys", EN 71: Part 1:2014, Clause 7, was not conducted.

Note: According to EN71-1:2014 Clause 7.1, the marking of manufacturer and importer name and address, together with CE marking should be present on the package or product. (CE marking must be affixed visibly).

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-16, "Standard Consumer Safety Specification on Toy Safety". Annex A1	
Note :	The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.
Note :	If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

USE AND ABUSE TESTS

The samples undergo the tests in accordance with section 8.6 through 8.16, whichever is applicable		
Test	Test Parameters	Standard Reference
Impact Test	4 x 3 ft	1500.53(b)
Torque Test	4 in-lbs	1500.53(e)
Tension Test	15 lbs	1500.53(f)
Compression Test	30 lbs	1500.53(g)



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RESULTS:

PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-16)

Section	Requirement	Result
4.1	Material Quality	M
4.3.7	Stuffing Materials	N/A
4.5	Sound-Producing Toys	N/A
4.6	Small Objects	N/A
4.7	Accessible Edges	M
4.8	Projections	N/A
4.9	Accessible Points	M
4.10	Wires and Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	N/A
4.14	Cords, Straps and Elastics	N/A
4.15	Stability and Over-Load Requirements	N/A
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearances and Accessibility of Mechanisms	M
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries)	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.30	Toy Gun Marking	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.34	Small Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section



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LABELING AND INSTRUCTIONAL REQUIREMENT (ASTM F963-16)

Section	Requirement	Result
5.4 & 5.3	Aquatic Toys	N/A
5.5 & 5.3	Crib and Playpen Toys	N/A
5.6 & 5.3	Mobiles	N/A
5.7 & 5.3	Stroller and Carriage Toys	N/A
5.8 & 5.3	Toys Intended to be Assembled by an Adult	N/A
5.9 & 5.3	Simulated Protective Devices	N/A
5.10 & 5.3	Toys with Functional Sharp Edges or Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	N/A
5.12	Toy Caps (16CFR1500.86)	N/A
5.13	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.15	Battery-Operated Toys (exclude 5.15.1 and 5.15.2)	N/A
5.15.1 & 5.3	Battery-Powered Ride-On Toys	N/A
5.15.2 & 5.3	Button or Coin Cell Batteries	N/A
5.16	Promotional Materials	N/A
5.17 & 5.3	Magnets	N/A
6.1	Definition and Description	N/A
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4 & 5.3	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
7.1	Producer's Name and Address	N/A
7.2	Battery-Powered Ride-on Toys	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section

FLAMMABILITY (16 CFR SECTION 1500.3(c)6)(vi))

Requirement	Test Method Reference	Findings
Burn rate no greater than 0.1 of an inch per second	16 CFR 1500.44	Ignited but self-extinguished.



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APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the EN71: Part 1: 2014, CR 14379:2002 "Classification of toys-Guidelines" prepared by Technical Committee CEN TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).	
Note :	The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.
Note :	If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2

Symbol	Explanation				
NM	The sample(s) DOES NOT MEET the requirement of this Subclause				
M	The sample(s) MEET the requirement of this Subclause				
N/A	Not Applicable				
NR	Not Requested				
NE	Not Evaluated				
NP	None Present				
P	Present				
R	Refer to Comment Section of this report				
Symbol	Language Present	Symbol	Language Present	Symbol	Language Present
B	Belgian language	G	German language	PR	Portuguese language
D	Danish language	GR	Greek language	S	Spanish language
E	English language	H	Dutch language	SD	Swedish language
F	Finnish language	I	Italian language	SZ	Swiss language
FR	French language	N	Norwegian language		



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**MECHANICAL & PHYSICAL PROPERTIES
(EN 71: PART 1 – 2014)**

Subclause	Requirement	Result
4.1	Material cleanliness	M
4.2	Assembly	N/A
4.3	Flexible plastic sheeting	N/A
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding materials	N/A
4.7 & 7.6	Edges	M
4.8 & 7.6	Points and metallic wires	M
4.8e	Splinters	M
4.9	Protruding parts	N/A
4.10.1	Folding and sliding mechanisms	N/A
4.10.2	Driving mechanisms	N/A
4.10.3	Hinges	N/A
4.10.4	Springs	N/A
4.11	Mouth actuated toys and other toys intended to be put in the mouth	N/A
4.12 & 7.3	Balloons	N/A
4.13 & 7.9	Cord of toy kites and other flying toys	N/A
4.14.1	Toys which a child can enter	N/A
4.14.2 & 7.8	Masks and helmets	N/A
4.15.1	Toys propelled by child	
4.15.1.2 & 7.10.1 & 7.10.2 & 7.10.3 & 7.10.4 & 7.16	Toys propelled by child – Instructions for use	N/A
4.15.1.3	Toys propelled by child – Strength	N/A
4.15.1.4	Toys propelled by child – Stability	N/A
4.15.1.5	Toys propelled by child – Braking	N/A
4.15.1.6	Toys propelled by child - Transmission	N/A
4.15.1.7	Toys propelled by child – insertion mark	N/A
4.15.1.8	Electrically-driven ride-on toys	N/A
4.15.2	Toy bicycles	
4.15.2.2 & 7.15	Toy bicycles – Warnings and instructions for use	N/A
4.15.2.3	Toy bicycles – Braking	N/A
4.15.3 & 7.16 & 7.19	Rocking horses and similar toys	N/A
4.15.4 & 7.16	Toys not propelled by child	N/A
4.15.5 & 7.18	Toy scooters	N/A
4.16	Heavy immobile toys	N/A
4.17.1	Projectiles – General	N/A
4.17.2	Projectiles toys without stored energy	N/A
4.17.3 & 7.7	Projectile toys with stored energy	N/A
4.17.4 & 7.7	Bows and arrows	N/A
4.18 & 7.4	Aquatic toys and inflatable toys	N/A
4.19 & 7.13 & 7.14	Percussion caps	N/A



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**MECHANICAL & PHYSICAL PROPERTIES
(EN 71: PART 1 – 2014)**

Subclause	Requirement	Result
*4.20.2.1- 4.20.2.8, 4.20.2.10, 4.20.2.12	Acoustics	N/A
4.20.2.9, 4.20.2.11 & 7.14	Acoustics – percussion toys & cap-firing toys	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22 & 7.2	Small balls	N/A
4.23	Magnet	
4.23.2 a, b & c	Toy other than magnetic / electrical experimental sets intended for children over 8 years	N/A
4.23.3 & 7.20	Magnetic / electrical experimental sets intended for children over 8 years	N/A
4.24	Yo-yo ball	N/A
4.25	Toys attached to food	N/A
FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS		
5	Cleaning instruction for item intended for child under 3 years of age	N/A
5.1	General	N/A
5.1a	Small parts – as received	N/A
5.1b	Small parts, sharp points, sharp edges – after tests	N/A
5.1c	Cross section <2mm metal points & wires	N/A
5.1e	Toys contain glue	N/A
5.1f	Casing of toys	N/A
5.2	Fillings, coverings and seams	N/A
5.3	Adhesion of plastic sheeting	N/A
5.4 &	Cords on toys	N/A
5.4(a)	Cords connected to self-retraction mechanism or in pull along toys	N/A
5.4(b) & 7.22	Cords and chains that can form tangled loop or noose	N/A
5.4(c) & 7.22	Fixed loop of cords or chains	N/A
5.4(d)	Nooses	N/A
5.4(e)	Self-retraction mechanism	N/A
5.4(f) & 7.11	Toy across cradle, cot or perambulator	N/A
5.4(g) & 7.22	Cords and chains with free end (exclude pull along toy)	N/A
5.4(h)	Cords and chains with free end on pull along toy	N/A
5.4(i) & 7.21	Electrical cables	N/A
5.5 & 7.12	Liquid filled toys	N/A
5.6	Electrically driven toys	N/A
5.7	Glass and porcelain	N/A
5.8	Shape and size	N/A
5.9 & 7.17	Monofilament fibres	N/A
5.10	Small balls	N/A
5.11	Play figures	N/A
5.12	Hemispheric shaped toys	N/A
5.13	Suction cups	N/A
5.14	Straps intended to be worn fully or partially around the neck	N/A
6	Packaging	N/A
WARNINGS, INSTRUCTIONS FOR USE		



**BUREAU
VERITAS**

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**MECHANICAL & PHYSICAL PROPERTIES
(EN 71: PART 1 – 2014)**

Subclause	Requirement	Result
7	CE Mark	N/A
7	Manufacturer name and address	N/A
7	Importer name and address	N/A
7	Product Identification	N/A
7.1	General	N/A
7.2	Toys not intended for children under 36 months	N/A
7.5	Functional toys	N/A

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 1

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.3	8.25.1	4.14.2	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.11, 8.12	4.17.3	8.24.1	5.3	8.4.2.1, 8.25
4.5	8.5, 8.7, 8.11, 8.12	4.15.1.3	8.11, 8.12, 8.21, 8.22	4.17.4	8.24.2	5.4	8.20, 8.36, 8.38, 8.39, 8.40
4.6	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.14	4.15.1.4	8.23.1	4.18	8.2, 8.3, 8.4.2.1	5.5	8.15
4.7	8.11	4.15.1.5	8.26.1	4.20	8.28	5.6	8.29
4.8	8.12, 8.13	4.15.1.8	8.29	4.21	8.30	5.8	8.16
4.9	8.4.2.3, 8.11, 8.12	4.15.2.4	8.26.2	4.22	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.32	5.10	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9, 8.32
4.10.1	8.18.2, 8.18.3	4.15.3	8.21, 8.23.1	4.23	8.2, 8.3, 8.4.2.1, 8.4.2.2, 8.5, 8.6, 8.7, 8.8, 8.34, 8.35	5.11	8.33
4.10.2	8.5, 8.6, 8.7, 8.11, 8.12	4.15.4	8.21, 8.23.1	4.24	8.37	5.12	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9,
4.11	8.2, 8.3, 8.4.2.1, 8.9, 8.17	4.15.5	8.11, 8.12, 8.21, 8.22, 8.26.3, 8.27	4.25	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32.1	5.13	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32
4.13	8.19	4.16	8.23.2	5.1	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.9, 8.11, 8.12		
4.14.1	8.31.1, 8.31.2	4.17.1	8.4.2.3				



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FLAMMABILITY (EN 71: PART 2: 2011 +A1:2014)

Subclause	Requirement	Result
4.1	Celluloid (cellulose nitrate)	NP
4.1	Dangerous flammable gases	N/A
4.1	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	N/A
4.1	Materials with a pile surface which produces a flash effect when a flame is applied	N/A
4.2	Toys to be worn on the head	N/A
4.3	Toy disguise costumes and toys intended to be worn by child in play	N/A
4.3	Toy disguise costumes and toys intended to be worn by child in play with warning	N/A
4.4	Toys intended to be entered by a child	N/A
4.4	Toys intended to be entered by a child with warning	N/A
4.5	Soft-filled toys	N/A

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.2.2	5.2	4.2.4	5.3	4.3	5.4	4.5	5.5
4.2.3	5.3	4.2.5	5.4	4.4	5.4	-	-

Remark:

ISE= Ignited but Self-Extinguished;

"0" in rate of spread of flame = the sample fails to ignite and if the first thread is not severed

L = Lengthwise

W =Widthwise

END