TEST REPORT

MID OCEAN BRANDS B.V.

Technical Report: **(2421)200-8007** July 27,2021
Date Received: July 19,2021

MID OCEAN BRANDS B.V.
7/F., KINGS TOWER, 111 KING LAM STREET, CHEUNG SHA WAN, KOWLOON, HONG KONG

SAMPLE INFORMATION:

Sample Description:	BACKPACK W/5PCS MARKER	**Sample Quantity:**	N/A
Vendor:	111041	**Style No(s):**	MO9207
Manufacturer:	N/A	**SKN/SKU No.:**	N/A
Buyer:	N/A	**PO No.:**	N/A
Labeled Age Grade:	NOT PROVIDED	**Ref #:**	N/A
Appropriate Age Grade:	N/A	**Country of Origin:**	N/A
Client Specified Age Grade:	OVER 3 YEARS OF AGE	**Assortment No.:**	N/A
Tested Age Grade:	OVER 3 YEARS OF AGE	**Country of Destination:**	N/A
UPC Code:	N/A	**Color :**	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
The mechanical and physical properties requirements of the tested subclauses of the European Standard, “Safety of toys”, EN71: Part 1:2014+A1:2018, clauses 1-7.	PASS SEE NOTE 2&3
The flammability requirements of the European Standard "Safety of Toys”, EN 71: Part 2: 2020	PASS
Migration of Certain Elements - EN 71 Part 3: 2019	PASS

Note:
1.The sample is tested as “Over 3 Yeats of age ” per the client’s request .
2 No relevant packaging was provided with the submitted sample(s), consequently, evaluation of the labeling requirements of this European Standard, “Safety of toys”, EN71: Part 1:2014+A1:2018, clauses 7, was not conducted.
3 The submitted sample **releases** small part **after abuse**, thus,according to EN71: Part 1:2014+A1:2018,the following small part warning is required.
“Warning! Not suitable for children under 36 months.Small parts.Chocking hazard.

BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT

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Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd

Ellis Lou
Technical Supervisor (HARDLINE AND TOY DIVISION)

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the EN71: Part 1:2014+A1:2018, European Union Guidance Documents, CEN ISO/TR 8124-8:2016 Safety of toys - Part 8: Age determination guidelines and Age Determination Guidelines: Relating Children's Ages to Toy Characteristics and Play Behavior, September, 2002
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 samples are NOT IN COMPLIANCE WITH the requirement of this Subclause
M	The samples are IN COMPLIANCE WITH 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		

MECHANICAL & PHYSICAL PROPERTIES
(EN 71: PART 1:2014+A1 :2018)

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
4.17.2	All projectiles	N/A
4.17.3 & 7.7	Projectile toys with stored energy	N/A
4.17.4 & 7.26	Certain projectiles toys without stored energy	N/A
4.18 & 7.4	Aquatic toys and inflatable toys	N/A
4.19 & 7.13 & 7.14	Percussion caps	N/A
*4.20.2.1- 4.20.2.8, 4.20.2.10, 4.20.2.12	Acoustics	N/A

MECHANICAL & PHYSICAL PROPERTIES
(EN 71: PART 1:2014+A1 :2018)

Subclause	Requirement	Result
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
4.26	Toy Disguise Costumes	N/A
4.27.1	Flying toys – General	N/A
4.27.2 & 7.25.1	Rotors and propellers on flying toys	N/A
4.27.3 & 7.25.2	Rotors and propellers on remote controlled flying toys	N/A
	FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
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
5.4.2	Cords and chains in toys intended for children under 18 months	N/A
5.4.3 & 7.22	Cords and chains in toys intended for children of 18 months or over but under 36 months	N/A
5.4.4	Fixed loops, tangled loops and nooses	N/A
5.4.5	Cords and chains on pull along toys	N/A
5.4.6 & 7.21	Electrical cables	N/A
5.4.7	Cross-sectional dimension of certain cords	N/A
5.4.8	Self-retracting cords	N/A
5.4.9 & 7.11 & 7.23	Toys attached to or intended to be strung across a cradle, cot or perambulator	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
5.15 & 7.24	Sledges with cords for pulling	N/A
6	Packaging	N/A

MECHANICAL & PHYSICAL PROPERTIES
(EN 71: PART 1:2014+A1 :2018)

Subclause	Requirement	Result
	WARNINGS, INSTRUCTIONS FOR USE	
7.1	General	SEE NOTE 2
7.2	Toys not intended for children under 36 months	SEE NOTE 2&3
7.5	Functional toys	SEE NOTE 2

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

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				

FLAMMABILITY (EN 71 PART 2: 2020)

Subclause	Requirement	Result
4.1	Cellulose nitrate	NP
4.1	Highly flammable solids	NP
4.1	Surface flash on a piled surface	N/A
4.1	Flammable gases	N/A
4.1	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	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	warning on product and packaging (10 - 30 mm/s)	N/A
4.4	Toys intended to be entered by a child	N/A
4.4	warning on product and packaging (10 – 30 mm/s)	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	-	-

Tested Component(s) Breakdown List

Test Item(s)	Description	Location(s)	Style(s)
1	Red plastic	Marker body	-
2	Orange plastic	Marker body	-
3	Yellow plastic	Marker body	-
4	Green plastic	Marker body	-
5	Blue plastic	Marker body	-
6	White plastic	Marker lid	-
7	Red ink	-	-
8	Orange ink	-	-
9	Yellow ink	-	-
10	Green ink	-	-
11	Blue ink	-	-
12	White fibre	Marker nib	-
13	Blue fabric with blue layer	Bag body	-
14	Red fabric with red layer	Bag body	-
15	Black tape	-	-
16	White fabric with black printing	-	-
17	Black plastic	Clasp	-
18	Black plastic	binding	-
19	Silvery metal	Zipper head	-
20	Red plastic	Zipper teeth	-
21	Blue plastic	Zipper teeth	-
22	White leatheroid	-	-
23	Red fabric	Zipper tape	-
24	Blue fabric	Zipper tape	-

Migration of Certain Elements - EN 71 Part 3: 2019

Test Method : European Standard EN 71 Part 3: 2019, Section 8.

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

-	Unit	Req.	Result				
Test Item(s)	-	-	7	8	9	10	11
Category	-	II	II	II	II	II	II
Parameter	-	-	-	-	-	-	-
Mass of Trace Amount	g	-	-	-	-	-	-
Boron (B)	mg/kg	300	<30	<30	<30	<30	<30
Aluminium (Al)	mg/kg	1406	<140.6	<140.6	<140.6	<140.6	<140.6
Chromium III (Cr III)	mg/kg	9.4	0.040	0.057	0.012	0.012	0.034
Chromium VI (Cr VI)	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese (Mn)	mg/kg	300	<30	<30	<30	<30	<30
Cobalt (Co)	mg/kg	2.6	<0.26	<0.26	<0.26	<0.26	<0.26
Nickel (Ni)	mg/kg	18.8	<1.88	<1.88	<1.88	<1.88	<1.88
Copper (Cu)	mg/kg	156	<15.6	<15.6	<15.6	<15.6	<15.6
Zinc (Zn)	mg/kg	938	<93.8	<93.8	<93.8	<93.8	<93.8
Arsenic (As)	mg/kg	0.9	<0.09	<0.09	<0.09	<0.09	<0.09
Selenium (Se)	mg/kg	9.4	<0.94	<0.94	<0.94	<0.94	<0.94
Strontium (Sr)	mg/kg	1125	<112.5	<112.5	<112.5	<112.5	<112.5
Cadmium (Cd)	mg/kg	0.3	<0.03	<0.03	<0.03	<0.03	<0.03
Tin (Sn)	mg/kg	3750	<375	<375	<375	<375	<375
Organic tin	mg/kg	0.2	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*
Antimony (Sb)	mg/kg	11.3	<1.13	<1.13	<1.13	<1.13	<1.13
Barium (Ba)	mg/kg	375	<37.5	<37.5	<37.5	<37.5	<37.5
Mercury (Hg)	mg/kg	1.9	<0.19	<0.19	<0.19	<0.19	<0.19
Lead (Pb)	mg/kg	0.5	0.097	0.425	<0.05	<0.05	<0.05
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Req.	Result					
Test Item(s)	-		1	2	3	4	5	6
Category	-	III	III	III	III	III	III	III
Parameter	-	-	-	-	-	-	-	-
Mass of Trace Amount	g	-	-	-	-	-	-	-
Boron (B)	mg/kg	15000	<1500	<1500	<1500	<1500	<1500	<1500
Aluminium (Al)	mg/kg	70000	<7000	<7000	<7000	<7000	<7000	<7000
Chromium III (Cr III)	mg/kg	460	0.025	0.023	0.024	0.025	0.023	<46
Chromium VI (Cr VI)	mg/kg	0.053	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese (Mn)	mg/kg	15000	<1500	<1500	<1500	<1500	<1500	<1500
Cobalt (Co)	mg/kg	130	<13	<13	<13	<13	<13	<13
Nickel (Ni)	mg/kg	930	<93	<93	<93	<93	<93	<93

Copper (Cu)	mg/kg	7700	<770	<770	<770	<770	<770	<770
Zinc (Zn)	mg/kg	46000	<4600	<4600	<4600	<4600	<4600	<4600
Arsenic (As)	mg/kg	47	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
Selenium (Se)	mg/kg	460	<46	<46	<46	<46	<46	<46
Strontium (Sr)	mg/kg	56000	<5600	<5600	<5600	<5600	<5600	<5600
Cadmium (Cd)	mg/kg	17	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Tin (Sn)	mg/kg	180000	<18000	<18000	<18000	<18000	<18000	<18000
Organic tin	mg/kg	12	<12*	<12*	<12*	<12*	<12*	<12*
Antimony (Sb)	mg/kg	560	<56	<56	<56	<56	<56	<56
Barium (Ba)	mg/kg	18750	<1875	<1875	<1875	<1875	<1875	<1875
Mercury (Hg)	mg/kg	94	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
Lead (Pb)	mg/kg	23	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

-	**Unit**	**Req.**	**Result**					
Test Item(s)	-		12	13	14	15	16	17
Category	-	III	III	III	III	III	III	III
Parameter	-	-	-	-	-	-	-	-
Mass of Trace Amount	g	-	-	-	-	-	-	-
Boron (B)	mg/kg	15000	<1500	<1500	<1500	<1500	<1500	<1500
Aluminium (Al)	mg/kg	70000	<7000	<7000	<7000	<7000	<7000	<7000
Chromium III (Cr III)	mg/kg	460	0.023	0.033	0.046	0.062	0.021	<46
Chromium VI (Cr VI)	mg/kg	0.053	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese (Mn)	mg/kg	15000	<1500	<1500	<1500	<1500	<1500	<1500
Cobalt (Co)	mg/kg	130	<13	<13	<13	<13	<13	<13
Nickel (Ni)	mg/kg	930	<93	<93	<93	<93	<93	<93
Copper (Cu)	mg/kg	7700	<770	<770	<770	<770	<770	<770
Zinc (Zn)	mg/kg	46000	<4600	<4600	<4600	<4600	<4600	<4600
Arsenic (As)	mg/kg	47	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
Selenium (Se)	mg/kg	460	<46	<46	<46	<46	<46	<46
Strontium (Sr)	mg/kg	56000	<5600	<5600	<5600	<5600	<5600	<5600
Cadmium (Cd)	mg/kg	17	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Tin (Sn)	mg/kg	180000	<18000	<18000	<18000	<18000	<18000	<18000
Organic tin	mg/kg	12	<12*	<12*	<12*	<12*	<12*	<12*
Antimony (Sb)	mg/kg	560	<56	<56	<56	<56	<56	<56
Barium (Ba)	mg/kg	18750	<1875	<1875	<1875	<1875	<1875	<1875
Mercury (Hg)	mg/kg	94	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
Lead (Pb)	mg/kg	23	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

-	**Unit**	**Req.**	**Result**					
Test Item(s)	-		18	19	20	21	22	23
Category	-	III	III	III	III	III	III	III
Parameter	-	-	-	-	-	-	-	-
Mass of Trace Amount	g	-	-	-	-	-	-	-
Boron (B)	mg/kg	15000	<1500	<1500	<1500	<1500	<1500	<1500
Aluminium (Al)	mg/kg	70000	<7000	<7000	<7000	<7000	<7000	<7000
Chromium III (Cr III)	mg/kg	460	<46	<46	<46	<46	<46	0.050
Chromium VI (Cr VI)	mg/kg	0.053	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Manganese (Mn)	mg/kg	15000	<1500	<1500	<1500	<1500	<1500	<1500
Cobalt (Co)	mg/kg	130	<13	<13	<13	<13	<13	<13
Nickel (Ni)	mg/kg	930	<93	<93	<93	<93	<93	<93
Copper (Cu)	mg/kg	7700	<770	<770	<770	<770	<770	<770
Zinc (Zn)	mg/kg	46000	<4600	<4600	<4600	<4600	<4600	<4600
Arsenic (As)	mg/kg	47	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
Selenium (Se)	mg/kg	460	<46	<46	<46	<46	<46	<46
Strontium (Sr)	mg/kg	56000	<5600	<5600	<5600	<5600	<5600	<5600
Cadmium (Cd)	mg/kg	17	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Tin (Sn)	mg/kg	180000	<18000	<18000	<18000	<18000	<18000	<18000
Organic tin	mg/kg	12	<12*	<12*	<12*	<12*	<12*	<12*
Antimony (Sb)	mg/kg	560	<56	<56	<56	<56	<56	<56
Barium (Ba)	mg/kg	18750	<1875	<1875	<1875	<1875	<1875	<1875
Mercury (Hg)	mg/kg	94	<9.4	<9.4	<9.4	<9.4	<9.4	<9.4
Lead (Pb)	mg/kg	23	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

-	**Unit**	**Req.**	**Result**
Test Item(s)	-		24
Category	-	III	III
Parameter	-	-	-
Mass of Trace Amount	g	-	-
Boron (B)	mg/kg	15000	<1500
Aluminium (Al)	mg/kg	70000	<7000
Chromium III (Cr III)	mg/kg	460	0.053
Chromium VI (Cr VI)	mg/kg	0.053	<0.005
Manganese (Mn)	mg/kg	15000	<1500
Cobalt (Co)	mg/kg	130	<13
Nickel (Ni)	mg/kg	930	<93
Copper (Cu)	mg/kg	7700	<770
Zinc (Zn)	mg/kg	46000	<4600
Arsenic (As)	mg/kg	47	<4.7
Selenium (Se)	mg/kg	460	<46
Strontium (Sr)	mg/kg	56000	<5600
Cadmium (Cd)	mg/kg	17	<1.7
Tin (Sn)	mg/kg	180000	<18000
Organic tin	mg/kg	12	<12*
Antimony (Sb)	mg/kg	560	<56
Barium (Ba)	mg/kg	18750	<1875
Mercury (Hg)	mg/kg	94	<9.4
Lead (Pb)	mg/kg	23	<2.3
Conclusion	-	-	PASS

Note / Key:

Req. = Requirement mg/kg = milligram per kilogram

Remark :

- @Results of Cr III and Cr VI were reported as sum of soluble chromium content unless further verified.
- If combined Cr content exceeds 0.02mg/kg in I mat., 0.005 mg/kg in II mat., or 0.053mg/kg in III mat., confirmation Cr(VI) by IC , Cr(III)=Combined Cr – Cr(VI).

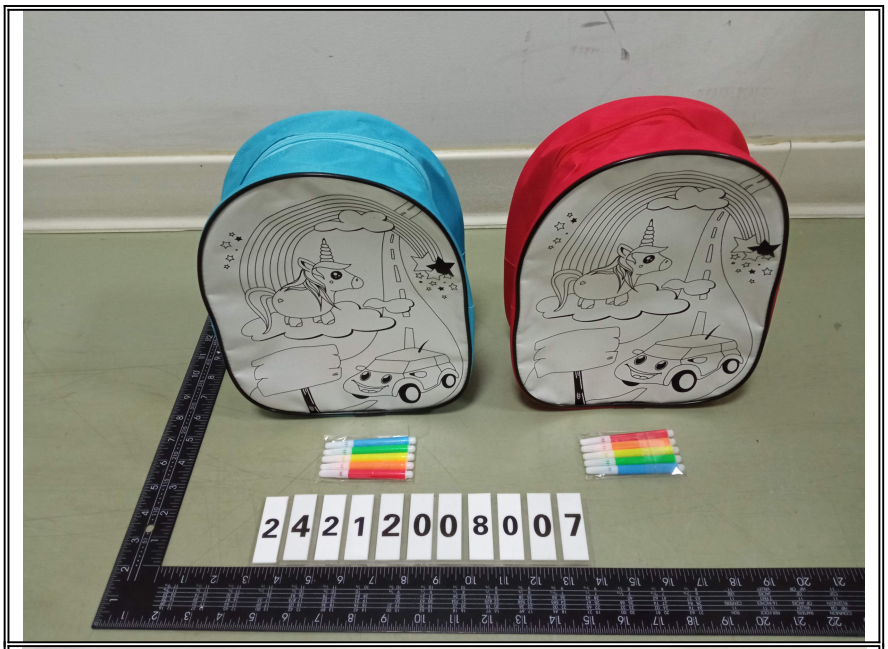
- Result(s) of organic tin was (were) calculated by assuming the soluble tin content was wholly contributed from tributyltin (TBT) cation unless further specified.
- *Result(s) of organic tin was (were) reported as soluble tin content.
- If total tin content in sample exceeds 0.369mg/kg in I mat., 0.082mg/kg in II mat., or 4.915mg/kg in III mat., the sample is required for organic tin analysis.
- The European Commission amended the maximum allowable limit(s) of migratable chromium VI of European Parliament and Council Directive 2009/48/EC in particular regarding to Annex II, Part III, Point 13. See details in Comment.
- The European Commission proposed to amend the maximum allowable limit(s) of migratable aluminium of European Parliament and Council Directive 2009/48/EC in particular regarding to Annex II, Part III, Point 13 in order to ensure the alignment to the scientific evidence from The Scientific Committee on Health, Environmental and Emerging Risks (SCHEER) and increase children`s safety. See details in Comment.
- European Standard EN 71 Part 3: 2019 is going to be harmonized under European Parliament and Council Directive 2009/48/EC in October 2019 and European Standard EN 71 Part 3: 2013 with Amendment A3: 2018 will be superseded.
- The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.
- 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: 2019", as specified in Section 7.1 - Selection of test portions.

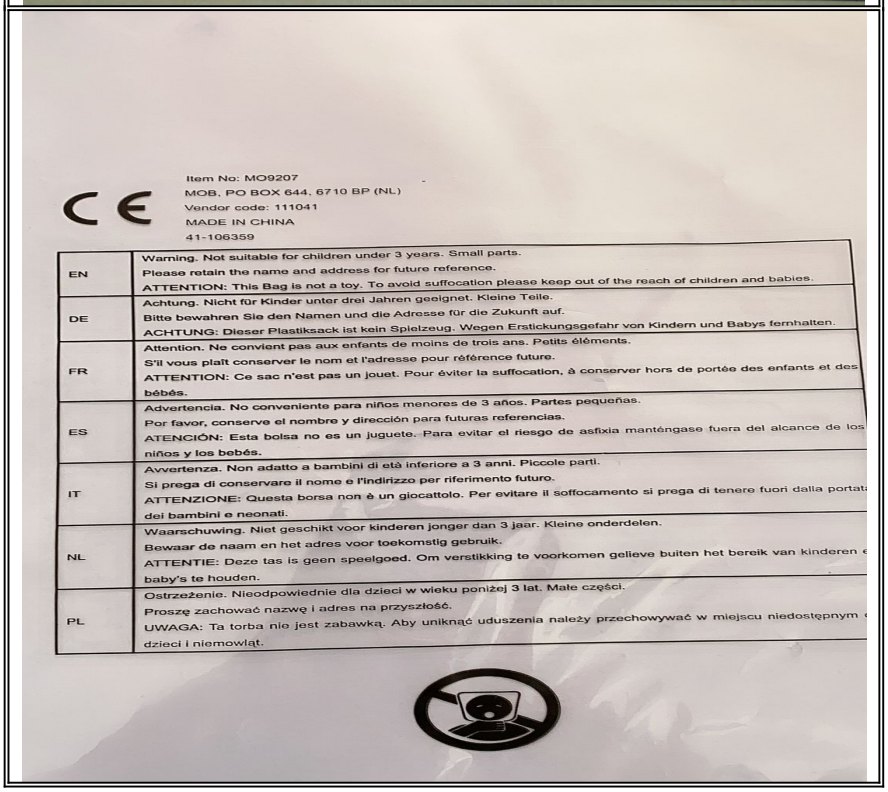
Comment :

Proposals to amendment of European Parliament and Council Directive 2009/48/EC, Annex II, Part III, Point 13 :			
-	**Type I**	**Type II**	**Type III**
Element(s)	Aluminium (Al)	Aluminium (Al)	Aluminium (Al)
Current	5 625 mg/kg	1 406 mg/kg	70 000 mg/kg
Proposed[b]	2 250 mg/kg	560 mg/kg	28 130 mg/kg

[b] denotes as these maximum allowable limits are referenced from the proposal for a European Commission Directive amending European Parliament and Council Directive 2009/48/EC, Annex II, Part III, Point 13, notified through World Trade Organization (WTO) dated on December 10, 2018 (With Notification Number G/TBT/N/EU/626). The proposal is expected to be adopted in the second quarter of Year 2019 and enter into application 18 months after publication in the Official Journal of the European Union (OJEU).

SAMPLE REFERENCE PHOTO:





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