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## TEST REPORT

Number: BKKH15014549

Applicant: PLAN CREATIONS CO., LTD.  
8 MOO 8, TRANG-PALIAN RD.,  
YANTAKAO, TRANG, THAILAND 92140  
ATTN: K.NARONG, K.SUPAPORN

Date: Jan 04, 2016

### Sample description:

Quantity of sample:	One (1) set
Sample description:	Wooden toy
Date sample received:	November 23, 2015
Date information received:	December 29, 2015

### Client Information:

One (1) set of submitted sample said to be TABLE & CHAIR-BLACK/TABLE-BLACK

Item Name: TABLE & CHAIR-BLACK/TABLE-BLACK  
Item Number: 8703/8704



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### Test conducted:

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

\*\*\*\*\*

To be continued

Authorized by :  
For Intertek Testing Services (Thailand)

*Ladtaka W.*

Ladtaka Wongwiboonporn  
Laboratory Manager  
Hardlines Department

### Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

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## TEST REPORT

Number: BKKH15014549

### Conclusion:

#### Tested samples

Submitted sample

#### Standard - U.S. ASTM F963-11

U.S. ASTM F963-11 for Physical and mechanical tests  
excluding requirement of section 5

#### Result

Pass\*

U.S. ASTM F963-11 for flammability test of materials  
other than textile materials

Pass

Heavy Elements Test

Pass

#### Standard - U.S. CFR title 16

(CPSC regulations)  
Part 1303 total Lead content

Pass

#### Standard

U.S. Consumer product safety improvement  
Act 2008(H.R. 4040) Title I, Section 101  
For total lead content in surface coating

Pass

U.S. Consumer product safety improvement  
Act 2008(H.R. 4040) Title I, Section 101  
For total lead content in non-surface coating material (substrate)

Pass

U.S. Consumer product safety improvement  
Act 2008(H.R. 4040) Title I, Section 108  
Requirement on phthalates

Pass

Phthalate Content Requirement base  
on the California Proposition 65

Pass

Illinois Lead Poisoning Prevention  
Act 410 ILCS 45 section 6 (public act 095-1019)

Pass

### Comment:

\*The testing scope of the following standard was not applicable to the submitted samples. However, the test results of the samples met the related requirements as stated in this report.

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## TEST REPORT

Number: BKKH15014549

### Remark:

The chemical test results was not conducted on the below components of samples. Applicant claimed the components were tested on our previous test report.

<u>Components</u>	<u>Report No.</u>	<u>Date</u>
<u>ASTM</u>		
5329128 Print Ink Brown	BKKH15006378	May 26, 2015
5140011 LQ WATER BASE 50 %	BKKH15008497	Jul 06, 2015
5140006 SPRAY WATER BASE BLACK	BKKH15009441	Jul 24, 2015
SOLID WOOD	BKKH15013909	Nov 05, 2015
MDF WOOD	BKKH15005961	May 15, 2015
PLYWOOD	BKKH15005181	Apr 24, 2015
5290163 White-Cream Rubber	BKKH14015905S1	Dec 17, 2014
5023010 BLACK	BKKH15005736	May 14, 2015
<u>Lead in surface coating</u>		
5329128 Print Ink Brown	BKKH15006378	May 26, 2015
5140011 LQ WATER BASE 50 %	BKKH15008497	Jul 06, 2015
5140006 SPRAY WATER BASE BLACK	BKKH15009441	Jul 24, 2015
<u>Lead in substrate</u>		
5220245/5330070/5330074 METAL PART	BKKH15013911	Nov 05, 2015
5330011 SCREW PAN HEAD	BKKH15013911	Nov 05, 2015
SOLID WOOD	BKKH15013909	Nov 05, 2015
MDF WOOD	BKKH15005961	May 15, 2015
PLYWOOD	BKKH15005181	Apr 24, 2015
5290163 White-Cream Rubber	BKKH14015905S1	Dec 17, 2014
5023010 BLACK	BKKH15005736	May 14, 2016
<u>Phthalate content</u>		
MDF WOOD	BKKH15005961	May 15, 2015
PLYWOOD	BKKH15005181	Apr 24, 2015
5329128 PRINT INK BROWN	BKKH15003846	Mar 23, 2015
5140011 LACQUER WATER BASE 50%	BKKH15004000	Mar 26, 2015
5023010 BLACK	BKKH15005736	May 14, 2016
5140006 SPRAY WATER BASE BLACK	BKKH15009441	Jul 24, 2015
5290163 CREAM RUBBER SHEET	BKKH15013912	Nov 05, 2015

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## TEST REPORT

Number: BKKH15014549

Test conducted:

1 Physical And Mechanical Tests

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

Applicant's specified age group for testing : For age 3-6 years.

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 : -

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Drop test	Section 1500.52(b)	4 x 3.0 ft
Tip over test		3 times
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

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Material quality (visual check on cleanliness)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2 <sup>▲</sup>	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	Packaging film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps and elastics	NA
4.15	Stability and over-load requirements	P
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

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## TEST REPORT

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Test conducted:

Section	Testing items	Assessment
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
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37 <sup>▲</sup>	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings - name of producer (toy and package) - address (package)	Yes Yes

Remark : P = Pass NA = Not applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Testing period : November 23, 2015 to November 25, 2015

### 2 Flammability Test

As per Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-11

Results : Did Not Ignite

Testing period : November 23, 2015 to November 25, 2015

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### 3 Heavy Elements Analysis

As per Section 4.3.5.1(2) and 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

			<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit</u> <u>mg/kg</u>
	(1)	(2)	(3)			
Sol. Barium (Ba)	ND	ND	<4	0.7	4	1000
Sol. Lead (Pb)	ND	ND	ND	0.7	4	90
Sol. Cadmium (Cd)	ND	ND	ND	0.7	4	75
Sol. Antimony (Sb)	ND	ND	ND	0.8	2	60
Sol. Selenium (Se)	ND	ND	ND	0.4	2	500
Sol. Chromium (Cr)	ND	ND	ND	0.7	4	60
Sol. Mercury (Hg)	ND	ND	ND	1	3	60
Sol. Arsenic (As)	ND	ND	ND	0.8	2	25

Remark: Sol. = Soluble  
< = Less than  
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Tested components:

(1) =	5329128	Print Ink Brown	Refer	BKKH15006378
(2) =	5140011	LQ WATER BASE 50 %	Refer	BKKH15008497
(3) =	5140006	SPRAY WATER BASE BLACK	Refer	BKKH15009441

Note: The results of soluble toxic elements were adjusted by subtracting the analytical correction factor.

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### Heavy Elements Analysis

As per Section 4.3.5.1(2) and 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

			<u>Result</u> <u>mg/kg</u>			<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit</u> <u>mg/kg</u>
	(4)	(5)	(6)	(7)	(8)			
Sol. Barium (Ba)	ND	ND	ND	ND	ND	0.7	4	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	0.7	4	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	0.7	4	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	0.8	2	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	0.4	2	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	0.7	4	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	1	3	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	0.8	2	25

Remark: Sol. = Soluble  
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mg/kg = Milligram per kilogram = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Tested components:

(4) =	SOLID WOOD	Refer	BKKH15013909
(5) =	MDF WOOD	Refer	BKKH15005961
(6) =	PLYWOOD	Refer	BKKH15005181
(7) =	5290163 White-Cream Rubber	Refer	BKKH14015905S1
(8) =	5023010 BLACK	Refer	BKKH15005736

Note: The results of soluble toxic elements were adjusted by subtracting the analytical correction factor.

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### Total Lead (Pb) Content

As per Sections 4.3.5.1(1) and 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by ICP-OES analysis.

### (I) Surface coating

<u>Tested Component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>(mg/kg)</u>	<u>LOQ</u> <u>(mg/kg)</u>	<u>Limit</u> <u>(mg/kg)</u>
(1)	ND	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90

Remark: < = Less than  
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

### Tested components:

(1) =	5329128	Print Ink Brown	Refer	BKKH15006378
(2) =	5140011	LQ WATER BASE 50 %	Refer	BKKH15008497
(3) =	5140006	SPRAY WATER BASE BLACK	Refer	BKKH15009441

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### Total Lead (Pb) Content

As per Sections 4.3.5.1(1) and 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, test method CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 were used and total Lead content was determined by ICP-OES analysis.

### (II) Non-surface coating

<u>Tested Component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>(mg/kg)</u>	<u>LOQ</u> <u>(mg/kg)</u>	<u>Limit</u> <u>(mg/kg)</u>
(4)	ND	1	13	100
(5)	ND	1	13	100
(6)	ND	1	13	100
(7)	ND	1	13	100
(8)	ND	1	13	100
(9)	ND	1	13	100
(10)	ND	1	13	100

Remark: < = Less than  
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

### Tested components:

(4) =	SOLID WOOD	Refer	BKKH15013909
(5) =	MDF WOOD	Refer	BKKH15005961
(6) =	PLYWOOD	Refer	BKKH15005181
(7) =	5290163 White-Cream Rubber	Refer	BKKH14015905S1
(8) =	5023010 BLACK	Refer	BKKH15005736
(9) =	5220245/5330070/5330074 METAL PART	Refer	BKKH15013911
(10) =	5330011 SCREW PAN HEAD	Refer	BKKH15013911

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## TEST REPORT

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Test conducted:

### 4 Total Lead (Pb) content

As per U.S. Code of Federal Regulations title 16 Part 1303. Acid digestion method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>
(1)	ND	0.0002	0.0013	0.009
(2)	ND	0.0002	0.0013	0.009
(3)	ND	0.0002	0.0013	0.009

Remark:        % = percentage  
                  < = Less than  
                  LOD = Limit of Detection  
                  LOQ = Limit of Quantitation  
                  ND = Not detected (Less than LOD)

Tested components:

(1) =	5329128	Print Ink Brown	Refer	BKKH15006378
(2) =	5140011	LQ WATER BASE 50 %	Refer	BKKH15008497
(3) =	5140006	SPRAY WATER BASE BLACK	Refer	BKKH15009441

### 5 Total lead (Pb) content in surface coating

As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1003-09.1 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>
(1)	ND	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90

Remark:        < = Less than  
                  mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
                  LOD = Limit of Detection  
                  LOQ = Limit of Quantitation  
                  ND = Not detected (Less than LOD)

Tested components:

(1) =	5329128	Print Ink Brown	Refer	BKKH15006378
(2) =	5140011	LQ WATER BASE 50 %	Refer	BKKH15008497
(3) =	5140006	SPRAY WATER BASE BLACK	Refer	BKKH15009441

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### 6 Total Lead (Pb) Content in Substrate Material- Children's Metal Product

As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1001-08.3 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit</u> <u>mg/kg</u>
(1)	ND	2	13	100
(2)	ND	2	13	100

Remark: < = Less than  
mg/kg = Milligram per kilogram = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Tested components:

(1) =	5220245/5330070/5330074	METAL PART	Refer	BKKH15013911
(2) =	5330011	SCREW PAN HEAD	Refer	BKKH15013911

### Total lead (Pb) content in substrate material- non-metal children's product

As per U.S. Consumer product safety improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing lead, CPSC-CH-E1002-08.3 method was used and total lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit</u> <u>mg/kg</u>
(3)	ND	1	13	100
(4)	ND	1	13	100
(5)	ND	1	13	100
(6)	ND	1	13	100
(7)	ND	1	13	100

Remark: < = Less than  
mg/kg = Milligram per kilogram = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Tested components:

(3) =	SOLID WOOD	Refer	BKKH15013909
(4) =	MDF WOOD	Refer	BKKH15005961
(5) =	PLYWOOD	Refer	BKKH15005181
(6) =	5290163 White-Cream Rubber	Refer	BKKH14015905S1
(7) =	5023010 BLACK	Refer	BKKH15005736

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### 7 Phthalate content

As per CPSC-CH-C1001-09.3 and U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040), Title I, Section 108 requirement on Phthalates, solvent extraction method was used and Phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u> (%, w/w)					<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)	<u>NPR</u> (%, w/w)
	(1)	(2)	(3)	(4)	(5)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP)	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP)	ND	ND	ND	ND	ND	0.0015	0.009	--	--

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

NPR = Notice of proposed rulemaking  
< = Less  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Tested components:

(1) =	MDF WOOD	Refer	BKKH15005961
(2) =	PLYWOOD	Refer	BKKH15005181
(3) =	5329128 PRINT INK BROWN	Refer	BKKH15003846
(4) =	5140011 LACQUER WATER BASE 50%	Refer	BKKH15004000
(5) =	5023010 BLACK	Refer	BKKH15005736

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### Intertek Testing Services (Thailand) Ltd.

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### Phthalate content

As per CPSC-CH-C1001-09.3 and U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040), Title I, Section 108 requirement on Phthalates, solvent extraction method was used and Phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u>		<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>	<u>NPR</u>
	<u>(%, w/w)</u>		<u>(%, w/w)</u>	<u>(%, w/w)</u>	<u>(%, w/w)</u>	<u>(%, w/w)</u>
	(6)	(7)				
Dibutyl Phthalate (DBP)	ND	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP)	ND	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP)	ND	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP)	ND	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP)	ND	ND	0.0015	0.009	--	--

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

NPR = Notice of proposed rulemaking  
< = Less than  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Tested components:

(6) = 5140006 SPRAY WATER BASE BLACK

Refer BKKH15009441

(7) = 5290163 CREAM RUBBER SHEET

Refer BKKH15013912

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### 8 Phthalate content test

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u>					<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>(%, w/w)</u>					<u>(%, w/w)</u>	<u>(%, w/w)</u>	<u>(%, w/w)</u>
	(1)	(2)	(3)	(4)	(5)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Di-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1

Remark :  
< = Less than  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Note : The above limit was quoted according to the California Proposition 65

### Tested components:

(1) =	MDF WOOD	Refer	BKKH15005961
(2) =	PLYWOOD	Refer	BKKH15005181
(3) =	5329128 PRINT INK BROWN	Refer	BKKH15003846
(4) =	5140011 LACQUER WATER BASE 50%	Refer	BKKH15004000
(5) =	5023010 BLACK	Refer	BKKH15005736

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### Phthalate content test

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

		<u>Result</u> (%, w/w)	<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)
	(6)	(7)			
Dibutyl Phthalate (DBP)	ND	ND	0.0015	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	0.0015	0.009	0.1
Dioctyl Phthalate (DNOP)	ND	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	0.0015	0.003	0.1

Remark :  
< = Less than  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Note : The above limit was quoted according to the California Proposition 65

Tested components:

(6) = 5140006 SPRAY WATER BASE BLACK

Refer BKKH15009441

(7) = 5290163 CREAM RUBBER SHEET

Refer BKKH15013912

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## TEST REPORT

Number: BKKH15014549

Test conducted:

### 9 Total Lead (Pb) Content

As per Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-1019), acid digestion method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

#### I Surface coating material

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit</u> <u>mg/kg</u>
(1)	ND	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90

Remark: < = Less than  
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Requirement: According to Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-019), appropriate warning statement is required when the Lead content of the submitted sample is more than 40 ppm but less than 90 ppm for surface coatings and less than 100 ppm for substrates by total weight or a lower standard for Lead content as may be established by federal or state law or regulation.

Tested components:

(1) = 5329128	Print Ink Brown	Refer	BKKH15006378
(2) = 5140011	LQ WATER BASE 50 %	Refer	BKKH15008497
(3) = 5140006	SPRAY WATER BASE BLACK	Refer	BKKH15009441

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## TEST REPORT

Number: BKKH15014549

Test conducted:

II Non-surface coating material (substrate)

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit</u> <u>mg/kg</u>
(4)	ND	1	13	100
(5)	ND	1	13	100
(6)	ND	1	13	100
(7)	ND	1	13	100
(8)	ND	1	13	100
(9)	ND	1	13	100
(10)	ND	1	13	100

Remark: < = Less than  
mg/kg = Milligram per kilogram = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Requirement: According to Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-019), appropriate warning statement is required when the Lead content of the submitted sample is more than 40 ppm but less than 90 ppm for surface coatings and less than 100 ppm for substrates by total weight or a lower standard for Lead content as may be established by federal or state law or regulation.

Tested components:

(4) =	SOLID WOOD	Refer	BKKH15013909
(5) =	MDF WOOD	Refer	BKKH15005961
(6) =	PLYWOOD	Refer	BKKH15005181
(7) =	5290163 White-Cream Rubber	Refer	BKKH14015905S1
(8) =	5023010 BLACK	Refer	BKKH15005736
(9) =	5220245/5330070/5330074 METAL PART	Refer	BKKH15013911
(10) =	5330011 SCREW PAN HEAD	Refer	BKKH15013911

Note: LOD and LOQ value in this test report were effective since October, 2014

\*\*\*\*\*END\*\*\*\*\*/KS/ST

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