Total Quality. Assured.

TEST REPORT

NSC-TISI-TIS 17025
TESTING 0417

Number: BKKH18000286

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

Date: Mar 02, 2018

Sample description:

Quantity of sample:	One (1) set
Sample description:	Wooden toy
Date sample received:	January 11, 2018
Date information received:	March 02, 2018

Client Information:

One (1) set of submitted sample said to be ANIMAL MEMO

Item Name:	ANIMAL MEMO
Item Number:	4118

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Test conducted:

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

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To be continued

Authorized by :
For Intertek Testing Services (Thailand) Ltd.,
Hardlines Laboratory

Ladtaka Wongwiboonporn
Laboratory Manager
Hardlines Department

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Conclusion:

Tested samples	Standard	Result
Submitted sample	U.S. ASTM F963-16 for Physical and mechanical tests	Pass
	U.S. ASTM F963-16 for Flammability test of materials other than textile materials	Pass
	U.S. ASTM F963-11 and ASTM F963-16 for Heavy elements Test	Pass
	Standard - U.S. CFR title 16 (CPSC regulations) Part 1303 total Lead content	Pass
	16 CFR Part 1610 Flammability test	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

Remark: As requested by the applicant, the test was conducted only on components listed in this report. Other components were not tested.

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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.

Components	Report No.	Date
ASTM F963-16: Heavy metal		
Pink coating on wood	BKKH17003530S1	Mar 24,2017
Light Blue coating on wood	BKKH17003529	Mar 22,2017
BROWN COATING ON WOOD (8463)	BKKH17008463	Jul 14, 2017
WHITE COATING ON WOOD	BKKH17008950	Jul 26, 2017
YELLOW COATING ON WOOD (8950)	BKKH17008950	Jul 26, 2017
LACQUER COATING ON WOOD	BKKH17008950	Jul 26, 2017
SKY BLUE COATING ON WOOD	BKKH17008950	Jul 26, 2017
RED COATING ON WOOD	BKKH17008954	Jul 26, 2017
CREAM FABRIC	BKKH17008821S1	Nov 22, 2017
PURPLE COATING ON WOOD	BKKH17014798	Dec 06, 2017
YELLOW COATING ON WOOD	BKKH17014798	Dec 06, 2017
DARK GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
LIGHT GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD	BKKH17014798	Dec 06, 2017
BLACK COATING ON WOOD	BKKH17014798	Dec 06, 2017
DARK PINK COATING ON WOOD	BKKH17015017	Dec 12, 2017
BROWN COATING ON WOOD	BKKH18001241S1	Feb 09, 2018
ORANGE COATING ON WOOD	BKKH18001632	Feb 12, 2018
PURPLE COATING ON WOOD (1632)	BKKH18001632	Feb 12, 2018
LIGHT ORANGE COATING ON WOOD	BKKH18001632	Feb 12, 2018
CREAM COTTON CORD	BKKH17008547S1	Jul 24, 2017
Lead in surface coating		
Pink coating on wood	BKKH17003530S1	Mar 24, 2017
Light Blue coating on wood	BKKH17003529	Mar 22, 2017
BROWN COATING ON WOOD (8463)	BKKH17008463	Jul 14, 2017
WHITE COATING ON WOOD	BKKH17008950	Jul 26, 2017
YELLOW COATING ON WOOD (8950)	BKKH17008950	Jul 26, 2017
LACQUER COATING ON WOOD	BKKH17008950	Jul 26, 2017
SKY BLUE COATING ON WOOD	BKKH17008950	Jul 26, 2017
RED COATING ON WOOD	BKKH17008954	Jul 26, 2017
PURPLE COATING ON WOOD	BKKH17014798	Dec 06, 2017
YELLOW COATING ON WOOD	BKKH17014798	Dec 06, 2017

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Components	Report No.	Date
Lead in surface coating		
DARK GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
LIGHT GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD	BKKH17014798	Dec 06, 2017
BLACK COATING ON WOOD	BKKH17014798	Dec 06, 2017
DARK PINK COATING ON WOOD	BKKH17015017	Dec 12, 2017
BROWN COATING ON WOOD	BKKH18001241S1	Feb 09, 2018
ORANGE COATING ON WOOD	BKKH18001632	Feb 12, 2018
PURPLE COATING ON WOOD (1632)	BKKH18001632	Feb 12, 2018
LIGHT ORANGE COATING ON WOOD	BKKH18001632	Feb 12, 2018
Lead in substrate		
CREAM FABRIC	BKKH17008821S1	Nov 22, 2017
CREAM COTTON CORD	BKKH17008547S1	Jul 24, 2017
Phthalate content		
Pink coating on wood	BKKH17003530S1	Mar 24, 2017
Light Blue coating on wood	BKKH17003529	Mar 22, 2017
BROWN COATING ON WOOD	BKKH17008463	Jul 14, 2017
WHITE COATING ON WOOD	BKKH17008950	Jul 26, 2017
YELLOW COATING ON WOOD (8950)	BKKH17008950	Jul 26, 2017
LACQUER COATING ON WOOD	BKKH17008950	Jul 26, 2017
SKY BLUE COATING ON WOOD	BKKH17008950	Jul 26, 2017
RED COATING ON WOOD	BKKH17008954	Jul 26, 2017
PURPLE COATING ON WOOD	BKKH17014798	Dec 06, 2017
YELLOW COATING ON WOOD	BKKH17014798	Dec 06, 2017
DARK GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
LIGHT GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD	BKKH17014798	Dec 06, 2017
BLACK COATING ON WOOD	BKKH17014798	Dec 06, 2017
DARK PINK COATING ON WOOD	BKKH17015017	Dec 12, 2017
ORANGE COATING ON WOOD	BKKH18001632	Feb 12, 2018
PURPLE COATING ON WOOD (1632)	BKKH18001632	Feb 12, 2018
LIGHT ORANGE COATING ON WOOD	BKKH18001632	Feb 12, 2018
Brown coating on wood	BKKH18000691S1	Feb 05, 2018

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TEST REPORT

Number: BKKH18000286

Test conducted:

1 Physical And Mechanical Tests

Test Standard : ASTM Standard Consumer Safety Specification for Toy Safety F963-16.

Age group for testing : For age over 3 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 : -

Test	FHSA	Parameter
Drop 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

Clause	Testing items	Assessment
4.1	Material quality	P
4.5	Sound-producing toys	NA
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	NA
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
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

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Test conducted:

Clause	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▲	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	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

▲ = Tested items are not included in the TISI Accreditation

Testing period : January 11, 2018 to January 21, 2018

2 Flammability Test

Test Standard : Clause 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-16.

Results : Did not ignite

Testing period : January 11, 2018 to January 21, 2018

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Test conducted:

3 Flammability Test (US CPSC 16 CFR Part 1610)▲

x Plain surface o Raised surface

Burn direction:	x length o width	Burn direction:	x length o width	
Prelim Raised surface:		Prelim Raised surface:		
length : DNI		length : DNI		
width : DNI		width : DNI		
Original (seconds)		After one drycleaning/laundering (seconds)		Requirement
1	DNI	1	DNI	Class 1
2	DNI	2	DNI	
3	DNI	3	DNI	
4	DNI	4	DNI	
5	DNI	5	DNI	

Classification: x class 1, Normal flammability
o class 2, Intermediate flammability, raised surface
o class 3, Rapid and intense burning

Explanation of flammability results:

*IBE	Ignited but extinguished, the asterisk (*) denotes a burn that goes under the cord without breaking the cord.
DNI	Did not ignite.
IBE	Ignited but extinguished.
0.0 BB	Actual time of burn from ignition until the flame severs the cord directly above the specimen (releasing the weight which in turn stops the timer) will give a numerical time in 0.0 seconds
*0.0SFBB	Time in seconds, surface flash base burn possibly starting at the point of impingement.
Poi	The asterisk is accompanied by the following: “unable to make absolute determination as to source of base burns.” burning. It does not quality as a base burn under the current interpretation of cfr 1610.
0.0SF Only	Time in seconds, surface flash only. No damage to the base fabric.
0.0 SFBB	Time in seconds, surface flash base burn. Base starts burning at points other than the point of impingement.
SF pw	Surface flash, part way. No time shown because the surface flash did not reach the cord.
SF uc	Surface flash under the cord, but does not break the cord.
SF poi	Surface flash, at point of impingement only (equivalent to “did not ignite” for plain surface).
#	Plain surface fabric with an average burn time less than 4.0 seconds as class 3 flammability verse the 16 CFR 1610 standard of 3.5 seconds.

▲ = Tested items are not included in the TISI Accreditation

Test component: White fabric with brown print Refer BKKH17008306

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Test conducted:

4 Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	Result mg/kg					LOD mg/kg	LOQ mg/kg	Limit mg/kg
	(1)	(2)	(3)	(4)	(5)			
Sol. Barium (Ba)	<5	29	264	ND	ND	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	2	5	25

Remark: Sol. = Soluble
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) < = Less than

Tested components:

(1) =	Pink coating on wood	Refer	BKKH17003530S1
(2) =	Light Blue coating on wood	Refer	BKKH17003529
(3) =	BROWN COATING ON WOOD (8463)	Refer	BKKH17008463
(4) =	WHITE COATING ON WOOD	Refer	BKKH17008950
(5) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950

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

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Test conducted:

Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	Result mg/kg					LOD mg/kg	LOQ mg/kg	Limit mg/kg
	(6)	(7)	(8)	(9)	(10)			
Sol. Barium (Ba)	ND	ND	ND	ND	251	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	2	5	25

Remark: Sol. = Soluble
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:

(6) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(7) =	SKY BLUE COATING ON WOOD	Refer	BKKH17008950
(8) =	RED COATING ON WOOD	Refer	BKKH17008954
(9) =	PURPLE COATING ON WOOD	Refer	BKKH17014798
(10) =	YELLOW COATING ON WOOD	Refer	BKKH17014798

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

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Test conducted:

Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	Result mg/kg					LOD mg/kg	LOQ mg/kg	Limit mg/kg
	(11)	(12)	(13)	(14)	(15)			
Sol. Barium (Ba)	280	283	103	312	ND	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	2	5	25

Remark: Sol. = Soluble
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 items are not included in the TISI Accreditation

Tested components:

(11) =	DARK GREEN COATING ON WOOD	Refer	BKKH17014798
(12) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(13) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(14) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(15) =	DARK PINK COATING ON WOOD	Refer	BKKH17015017

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

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Test conducted:

Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	Result mg/kg				LOD mg/kg	LOQ mg/kg	Limit mg/kg
	(16)	(17)	(18)	(19)			
Sol. Barium (Ba)	ND	216	99	ND	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	2	5	25

Remark: Sol. = Soluble
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:

(16) =	BROWN COATING ON WOOD	Refer	BKKH18001241S1
(17) =	ORANGE COATING ON WOOD	Refer	BKKH18001632
(18) =	PURPLE COATING ON WOOD (1632)	Refer	BKKH18001632
(19) =	LIGHT ORANGE COATING ON WOOD	Refer	BKKH18001632

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

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Test conducted:

Heavy Elements Analysis

As per clause 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	Result mg/kg		LOD mg/kg	LOQ mg/kg	Limit mg/kg
	(20)	(21)			
Sol. Barium (Ba)	ND	ND	1	5	1000
Sol. Lead (Pb)	ND	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	2	5	25

Remark: Sol. = Soluble
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:

(20) =	CREAM FABRIC	Refer	BKKH17008821S1
(21) =	CREAM COTTON CORD	Refer	BKKH17008547S1

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

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TEST REPORT

Number: BKKH18000286

Test conducted:

Total Lead (Pb) Content

As per clause 4.3.5.1(1) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, test method CPSC-CH-E1003-09.1:2011 was used and total Lead content was determined by ICP-OES analysis.

(I) Surface coating

Tested Component	Result mg/kg	LOD (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
(1)	<13	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90
(4)	ND	2	13	90
(5)	ND	2	13	90
(6)	ND	2	13	90
(7)	ND	2	13	90
(8)	ND	2	13	90
(9)	ND	2	13	90
(10)	ND	2	13	90
(11)	ND	2	13	90
(12)	ND	2	13	90
(13)	ND	2	13	90
(14)	ND	2	13	90
(15)	ND	2	13	90

Remark: 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) < = Less than

Tested components:

(1) =	Pink coating on wood	Refer	BKKH17003530S1
(2) =	Light Blue coating on wood	Refer	BKKH17003529
(3) =	BROWN COATING ON WOOD (8463)	Refer	BKKH17008463
(4) =	WHITE COATING ON WOOD	Refer	BKKH17008950
(5) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(6) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(7) =	SKY BLUE COATING ON WOOD	Refer	BKKH17008950
(8) =	RED COATING ON WOOD	Refer	BKKH17008954
(9) =	PURPLE COATING ON WOOD	Refer	BKKH17014798
(10) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(11) =	DARK GREEN COATING ON WOOD	Refer	BKKH17014798
(12) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(13) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(14) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(15) =	DARK PINK COATING ON WOOD	Refer	BKKH17015017

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Test conducted:

Total Lead (Pb) Content

As per clause 4.3.5.1(1) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, test method CPSC-CH-E1003-09.1:2011 was used and total Lead content was determined by ICP-OES analysis.

(I) Surface coating

Tested Component	Result mg/kg	LOD (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
(16)	<13	2	13	90
(17)	ND	2	13	90
(18)	ND	2	13	90
(19)	ND	2	13	90

Remark: 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) < = Less than

Tested components:

(16) =	BROWN COATING ON WOOD	Refer	BKKH18001241S1
(17) =	ORANGE COATING ON WOOD	Refer	BKKH18001632
(18) =	PURPLE COATING ON WOOD (1632)	Refer	BKKH18001632
(19) =	LIGHT ORANGE COATING ON WOOD	Refer	BKKH18001632

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Test conducted:

Total Lead (Pb) Content

As per clause 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11 and F963-16, test method CPSC-CH-E1001-08.3:2012, CPSC-CH-E1002-08.3:2012 were used and total Lead content was determined by ICP-OES analysis.

(II) Non-surface coating

Tested Component	Result mg/kg	LOD (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
(20)	ND	1	13	100
(21)	ND	1	13	100

Remark: 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:

(20) = CREAM FABRIC Refer BKKH17008821S1
(21) = CREAM COTTON CORD Refer BKKH17008547S1

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TEST REPORT

Number: BKKH18000286

Test conducted:

5 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.

Tested component	Result %	LOD %	LOQ %	Limit %
(1)	<0.0013	0.0002	0.0013	0.0090
(2)	ND	0.0002	0.0013	0.0090
(3)	ND	0.0002	0.0013	0.0090
(4)	ND	0.0002	0.0013	0.0090
(5)	ND	0.0002	0.0013	0.0090
(6)	ND	0.0002	0.0013	0.0090
(7)	ND	0.0002	0.0013	0.0090
(8)	ND	0.0002	0.0013	0.0090
(9)	ND	0.0002	0.0013	0.0090
(10)	ND	0.0002	0.0013	0.0090
(11)	ND	0.0002	0.0013	0.0090
(12)	ND	0.0002	0.0013	0.0090
(13)	ND	0.0002	0.0013	0.0090
(14)	ND	0.0002	0.0013	0.0090
(15)	ND	0.0002	0.0013	0.0090

Remark: % = percentage < = Less than
LOD = Limit of Detection LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(1) =	Pink coating on wood	Refer	BKKH17003530S1
(2) =	Light Blue coating on wood	Refer	BKKH17003529
(3) =	BROWN COATING ON WOOD (8463)	Refer	BKKH17008463
(4) =	WHITE COATING ON WOOD	Refer	BKKH17008950
(5) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(6) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(7) =	SKY BLUE COATING ON WOOD	Refer	BKKH17008950
(8) =	RED COATING ON WOOD	Refer	BKKH17008954
(9) =	PURPLE COATING ON WOOD	Refer	BKKH17014798
(10) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(11) =	DARK GREEN COATING ON WOOD	Refer	BKKH17014798
(12) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(13) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(14) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(15) =	DARK PINK COATING ON WOOD	Refer	BKKH17015017

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TEST REPORT

Number: BKKH18000286

Test conducted:

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.

Tested component	Result %	LOD %	LOQ %	Limit %
(16)	<0.0013	0.0002	0.0013	0.0090
(17)	ND	0.0002	0.0013	0.0090
(18)	ND	0.0002	0.0013	0.0090
(19)	ND	0.0002	0.0013	0.0090

Remark: % = percentage < = Less than
LOD = Limit of Detection LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(16) =	BROWN COATING ON WOOD	Refer	BKKH18001241S1
(17) =	ORANGE COATING ON WOOD	Refer	BKKH18001632
(18) =	PURPLE COATING ON WOOD (1632)	Refer	BKKH18001632
(19) =	LIGHT ORANGE COATING ON WOOD	Refer	BKKH18001632

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Test conducted:

6 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-E1003-09.1:2011 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested component	Result mg/kg	LOD mg/kg	LOQ mg/kg	Limit mg/kg
(1)	<13	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90
(4)	ND	2	13	90
(5)	ND	2	13	90
(6)	ND	2	13	90
(7)	ND	2	13	90
(8)	ND	2	13	90
(9)	ND	2	13	90
(10)	ND	2	13	90
(11)	ND	2	13	90
(12)	ND	2	13	90
(13)	ND	2	13	90
(14)	ND	2	13	90
(15)	ND	2	13	90

Remark: 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) < = Less than

Tested components:

(1) =	Pink coating on wood	Refer	BKKH17003530S1
(2) =	Light Blue coating on wood	Refer	BKKH17003529
(3) =	BROWN COATING ON WOOD (8463)	Refer	BKKH17008463
(4) =	WHITE COATING ON WOOD	Refer	BKKH17008950
(5) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(6) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(7) =	SKY BLUE COATING ON WOOD	Refer	BKKH17008950
(8) =	RED COATING ON WOOD	Refer	BKKH17008954
(9) =	PURPLE COATING ON WOOD	Refer	BKKH17014798
(10) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(11) =	DARK GREEN COATING ON WOOD	Refer	BKKH17014798
(12) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(13) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(14) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(15) =	DARK PINK COATING ON WOOD	Refer	BKKH17015017

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Test conducted:

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-E1003-09.1:2011 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested component	Result mg/kg	LOD mg/kg	LOQ mg/kg	Limit mg/kg
(16)	<13	2	13	90
(17)	ND	2	13	90
(18)	ND	2	13	90
(19)	ND	2	13	90

Remark: 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) < = Less than

Tested components:

(16) =	0	BROWN COATING ON WOOD	Refer	BKKH18001241S1
(17) =	0	ORANGE COATING ON WOOD	Refer	BKKH18001632
(18) =	0	PURPLE COATING ON WOOD (1632)	Refer	BKKH18001632
(19) =	0	LIGHT ORANGE COATING ON WOOD	Refer	BKKH18001632

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Test conducted:

8 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-E1002-08.3:2012 method was used and total lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

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

Remark: 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 items are not included in the TISI Accreditation

Tested components:

(1) = CREAM FABRIC Refer BKKH17008821S1
(2) = CREAM COTTON CORD Refer BKKH17008547S1

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Test conducted:

9 Phthalate content

As per CPSC-CH-C1001-09.3:2010 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.

	Result (%, w/w)					LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)	NPR (%, w/w)
	(1)	(2)	(3)	(4)	(5)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	--
Di-isobutyl phthalate (DIBP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-pentyl phthalate (DPENP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-hexyl phthalate (DHEXP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-cyclohexyl phthalate (DCHP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Diisooctyl phthalate (DIOP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	--

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.

The Phthalate no.7-11 are not included in US Consumer Product Safety Improvement Act 2008 and was conducted as per applicant requested only.

NPR = Notice of proposed rulemaking
%, w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(1) =	Pink coating on wood	Refer	BKKH17003530S1
(2) =	Light Blue coating on wood	Refer	BKKH17003529
(3) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(4) =	WHITE COATING ON WOOD	Refer	BKKH17008950
(5) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950

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Test conducted:

Phthalate content

As per CPSC-CH-C1001-09.3:2010 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.

	Result (%, w/w)					LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)	NPR (%, w/w)
	(6)	(7)	(8)	(9)	(10)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	--
Di-isobutyl phthalate (DIBP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-pentyl phthalate (DPENP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-hexyl phthalate (DHEXP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-cyclohexyl phthalate (DCHP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Diisooctyl phthalate (DIOP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	--

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.

The Phthalate no.7-11 are not included in US Consumer Product Safety Improvement Act 2008 and was conducted as per applicant requested only.

NPR = Notice of proposed rulemaking
%, w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(6) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(7) =	SKY BLUE COATING ON WOOD	Refer	BKKH17008950
(8) =	RED COATING ON WOOD	Refer	BKKH17008954
(9) =	PURPLE COATING ON WOOD	Refer	BKKH17014798
(10) =	YELLOW COATING ON WOOD	Refer	BKKH17014798

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TEST REPORT

Number: BKKH18000286

Test conducted:

Phthalate content

As per CPSC-CH-C1001-09.3:2010 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.

	Result (%, w/w)					LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)	NPR (%, w/w)
	(11)	(12)	(13)	(14)	(15)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	0.0049	0.0015	0.0030	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	--
Di-isobutyl phthalate (DIBP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-pentyl phthalate (DPENP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-hexyl phthalate (DHEXP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-cyclohexyl phthalate (DCHP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Diisooctyl phthalate (DIOP)▲	ND	ND	ND	ND	ND	0.0015	0.0090	--	--

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.
The Phthalate no.7-11 are not included in US Consumer Product Safety Improvement Act 2008 and was conducted as per applicant requested only.

NPR = Notice of proposed rulemaking
%, w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(11) =	DARK GREEN COATING ON WOOD	Refer	BKKH17014798
(12) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(13) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(14) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(15) =	DARK PINK COATING ON WOOD	Refer	BKKH17015017

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Test conducted:

Phthalate content

As per CPSC-CH-C1001-09.3:2010 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.

	Result (%, w/w)				LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)	NPR (%, w/w)
	(16)	(17)	(18)	(19)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	0.0015	0.0090	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	0.0015	0.0030	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	0.0015	0.0090	0.1	--
Di-isobutyl phthalate (DIBP)▲	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-pentyl phthalate (DPENP)▲	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-hexyl phthalate (DHEXP)▲	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-cyclohexyl phthalate (DCHP)▲	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Diisooctyl phthalate (DIOP)▲	ND	ND	ND	ND	0.0015	0.0090	--	--

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.
The Phthalate no.7-11 are not included in US Consumer Product Safety Improvement Act 2008 and was conducted as per applicant requested only.

NPR = Notice of proposed rulemaking
%, w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(16) =	ORANGE COATING ON WOOD	Refer	BKKH18001632
(17) =	PURPLE COATING ON WOOD (1632)	Refer	BKKH18001632
(18) =	LIGHT ORANGE COATING ON WOOD	Refer	BKKH18001632
(19) =	Brown coating on wood	Refer	BKKH18000691S1

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Test conducted:

10 Phthalate content test▲

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

	Result (%, w/w)					LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)
	(1)	(2)	(3)	(4)	(5)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1

Remark : %, w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

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

Tested components:

(1) =	Pink coating on wood	Refer	BKKH17003530S1
(2) =	Light Blue coating on wood	Refer	BKKH17003529
(3) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(4) =	WHITE COATING ON WOOD	Refer	BKKH17008950
(5) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950

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Test conducted:

Phthalate content test▲

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

	Result (%, w/w)					LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)
	(6)	(7)	(8)	(9)	(10)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1

Remark : %, w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

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

Tested components:

(6) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(7) =	SKY BLUE COATING ON WOOD	Refer	BKKH17008950
(8) =	RED COATING ON WOOD	Refer	BKKH17008954
(9) =	PURPLE COATING ON WOOD	Refer	BKKH17014798
(10) =	YELLOW COATING ON WOOD	Refer	BKKH17014798

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TEST REPORT

Number: BKKH18000286

Test conducted:

Phthalate content test▲

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

	Result (%, w/w)					LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)
	(11)	(12)	(13)	(14)	(15)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	0.0049	0.0015	0.0030	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1

Remark : %, w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

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

Tested components:

(11) =	DARK GREEN COATING ON WOOD	Refer	BKKH17014798
(12) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(13) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(14) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(15) =	DARK PINK COATING ON WOOD	Refer	BKKH17015017

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TEST REPORT

Number: BKKH18000286

Test conducted:

Phthalate content test▲

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

	Result (%, w/w)				LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)
	(16)	(17)	(18)	(19)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	0.0015	0.0030	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	0.0015	0.0030	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	0.0015	0.0090	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	0.0015	0.0090	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	0.0015	0.0030	0.1

Remark : %, w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)
▲ = Tested items are not included in the TISI Accreditation

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

Tested components:

(16) =	ORANGE COATING ON WOOD	Refer	BKKH18001632
(17) =	PURPLE COATING ON WOOD (1632)	Refer	BKKH18001632
(18) =	LIGHT ORANGE COATING ON WOOD	Refer	BKKH18001632
(19) =	Brown coating on wood	Refer	BKKH18000691S1

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Test conducted:

11 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

Tested component	Result mg/kg	LOD mg/kg	LOQ mg/kg	Limit mg/kg
(1)	<13	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90
(4)	ND	2	13	90
(5)	ND	2	13	90
(6)	ND	2	13	90
(7)	ND	2	13	90
(8)	ND	2	13	90
(9)	ND	2	13	90
(10)	ND	2	13	90
(11)	ND	2	13	90
(12)	ND	2	13	90
(13)	ND	2	13	90
(14)	ND	2	13	90
(15)	ND	2	13	90
(16)	<13	2	13	90
(17)	ND	2	13	90
(18)	ND	2	13	90
(19)	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 items are not included in the TISI Accreditation

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.

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Test conducted:

Tested components:

(1)	=	Pink coating on wood	Refer	BKKH17003530S1
(2)	=	Light Blue coating on wood	Refer	BKKH17003529
(3)	=	BROWN COATING ON WOOD (8463)	Refer	BKKH17008463
(4)	=	WHITE COATING ON WOOD	Refer	BKKH17008950
(5)	=	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(6)	=	LACQUER COATING ON WOOD	Refer	BKKH17008950
(7)	=	SKY BLUE COATING ON WOOD	Refer	BKKH17008950
(8)	=	RED COATING ON WOOD	Refer	BKKH17008954
(9)	=	PURPLE COATING ON WOOD	Refer	BKKH17014798
(10)	=	YELLOW COATING ON WOOD	Refer	BKKH17014798
(11)	=	DARK GREEN COATING ON WOOD	Refer	BKKH17014798
(12)	=	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(13)	=	GRAY COATING ON WOOD	Refer	BKKH17014798
(14)	=	BLACK COATING ON WOOD	Refer	BKKH17014798
(15)	=	DARK PINK COATING ON WOOD	Refer	BKKH17015017
(16)	=	BROWN COATING ON WOOD	Refer	BKKH18001241S1
(17)	=	ORANGE COATING ON WOOD	Refer	BKKH18001632
(18)	=	PURPLE COATING ON WOOD (1632)	Refer	BKKH18001632
(19)	=	LIGHT ORANGE COATING ON WOOD	Refer	BKKH18001632

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TEST REPORT

Number: BKKH18000286

Test conducted:

II Non-surface coating material (substrate)

Tested component	Result mg/kg	LOD mg/kg	LOQ mg/kg	Limit mg/kg
(20)	ND	1	13	100
(21)	ND	1	13	100

Remark:

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:

(20)	=	CREAM FABRIC	Refer	BKKH17008821S1
(21)	=	CREAM COTTON CORD	Refer	BKKH17008547S1

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

**********END**********/KS/NK

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