

NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Applicant:

PLAN CREATIONS CO., LTD. Date: May 23, 2017

 $8\ \mathsf{MOO}\ 8$, TRANG-PALIAN RD.,

YANTAKAO, TRANG, THAILAND 92140 ATTN: K.NARONG, K.SUPAPORN

Sample description:

Quantity of sample:

Sample description:

Date sample received:

Date information received:

One (1) set

Wooden toy

March 01, 2017

May 18, 2017

Client Information:

One (1) set of submitted sample said to be FIRE STATION

Item Name: FIRE STATION

Item Number: 6619



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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) Ltd.,

Hardlines Laboratory

Ladtaka Wongwiboonporn Laboratory Manager Hardlines Department

Intertek Testing Services (Thailand) Ltd.

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

Tel.: (662) 837-2999 Fax: (662) 837-2936
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Attention is drawn to the Terms and Conditions printed overleaf.



TEST REPORT

The report shall not be reproduced without written approval from Intertek The results relate only to the item tested.



Number: BKKH17002817

| Conclusion: | | |
|---------------------------------|--|----------------|
| Tested samples Submitted sample | Standard U.S. ASTM F963-16 for Physical and mechanical tests | Result Pass |
| | U.S. ASTM F963-16 for Flammability test of materials | Pass |

other than textile materials

U.S. ASTM F963-11 and F963-16 for Heavy elements Test Pass

Standard - U.S. CFR title 16
(CPSC regulations) Pass
Part 1303 total Lead content

<u>Standard</u>

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

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

For total lead content in non-surface coating material (substrate)

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

Phthalate Content Requirement base Pass on the California Proposition 65

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

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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TEST REPORT

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. | <u>Date</u> |
|-------------------------------|------------------------------|--------------|
| ASTM F963-11: Heavy metal | DICKI IA 00000 4 4 | M 47, 0040 |
| Brown Coating On Wood | BKKH16006844 | May 17, 2016 |
| Plywood | BKKH16007214 | May 23, 2016 |
| RED COATING ON WOOD | BKKH16008147 | Jun 09, 2016 |
| ORANGE COATING ON WOOD (8147) | BKKH16008147 | Jun 09, 2016 |
| LACQUER COATING ON WOOD | BKKH16008147 | Jun 09, 2016 |
| WHITE COATING ON WOOD | BKKH16008148 | Jun 09, 2016 |
| YELLOW COATING ON WOOD | BKKH16008768 | Jun 21, 2016 |
| WHITE JOINT PLASTIC | BKKH16014216 | Oct 07, 2016 |
| RED SAWDUST | BKKH16016103 | Nov 15, 2016 |
| Orange Coating On Wood | BKKH16016212 | Nov 17, 2016 |
| Gray coating on wood | BKKH16015641 | Nov 07, 2016 |
| Black Coating On Wood | BKKH16016482 | Nov 24, 2016 |
| Black/ White plastic | BKKH16017641 | Dec 21, 2016 |
| Solid Wood | BKKH17000142 | Jan 10, 2017 |
| ASTM F963-16: Heavy metal | | , |
| WHITE ELASTIC | BKKH17003195 | Mar 13, 2017 |
| BLACK ELASTIC | BKKH17003195 | Mar 13, 2017 |
| WHITE CORD | BKKH17003199 | Mar 10, 2017 |
| YELLOW COATING ON SAWDUST | BKKH17003954 | Apr 03, 2017 |
| WHITE COATING ON SAWDUST | BKKH17003953 | Apr 03, 2017 |
| BROWN COATING ON SAWDUST | BKKH17005493 | May 17, 2017 |
| Lead in surface coating | 2 | |
| Brown Coating On Wood | BKKH16006844 | May 17,2016 |
| RED COATING ON WOOD | BKKH16008147 | Jun 09,2016 |
| ORANGE COATING ON WOOD (8147) | BKKH16008147 | Jun 09,2016 |
| LACQUER COATING ON WOOD | BKKH16008147 | Jun 09,2016 |
| WHITE COATING ON WOOD | BKKH16008148 | Jun 09,2016 |
| YELLOW COATING ON WOOD | BKKH16008748 | Jun 21,2016 |
| Orange Coating On Wood | BKKH16006768 BKKH16016212 | Nov 17,2016 |
| | | |
| Gray coating on wood | BKKH16015641 | Nov 07,2016 |
| Black Coating On Wood | BKKH16016482 | Nov 24,2016 |
| YELLOW COATING ON SAWDUST | BKKH17003954 | Apr 03,2017 |
| WHITE COATING ON SAWDUST | BKKH17003953 | Apr 03,2017 |
| BROWN COATING ON SAWDUST | BKKH17005493 | May 17,2017 |

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TEST REPORT

Number: BKKH17002817

| Components | Report No. | <u>Date</u> |
|-------------------------------|--------------|--------------|
| Lead in substrate | | |
| Bell | BKKH17003198 | Mar 10,2017 |
| Solid Wood | BKKH17000142 | Jan 10,2017 |
| Plywood | BKKH16007214 | May 23,2016 |
| WHITE JOINT PLASTIC | BKKH16014216 | Oct 07,2016 |
| RED SAWDUST | BKKH16016103 | Nov 15,2016 |
| Black/ White plastic | BKKH16017641 | Dec 21,2016 |
| WHITE ELASTIC | BKKH17003195 | Mar 13,2017 |
| BLACK ELASTIC | BKKH17003195 | Mar 13,2017 |
| WHITE CORD | BKKH17003199 | Mar 10,2017 |
| Phthalate content | | |
| Brown Coating On Wood | BKKH16006844 | May 17,2016 |
| Plywood | BKKH16007214 | May 23,2016 |
| RED COATING ON WOOD | BKKH16008147 | Jun 09,2016 |
| ORANGE COATING ON WOOD (8147) | BKKH16008147 | Jun 09,2016 |
| LACQUER COATING ON WOOD | BKKH16008147 | Jun 09,2016 |
| WHITE COATING ON WOOD | BKKH16008148 | Jun 09,2016 |
| YELLOW COATING ON WOOD | BKKH16008768 | Jun 21,2016 |
| WHITE JOINT PLASTIC | BKKH16014216 | Oct 07,2016 |
| RED SAWDUST | BKKH16016103 | Nov 15,2016 |
| Orange Coating On Wood | BKKH16016212 | Nov 17,2016 |
| Gray coating on wood | BKKH16015641 | Nov 07,2016 |
| Black Coating On Wood | BKKH16016482 | Nov 24,2016 |
| Black/ White plastic | BKKH16017641 | Dec 21,2016 |
| WHITE ELASTIC | BKKH17003195 | Mar 13,2017 |
| BLACK ELASTIC | BKKH17003195 | Mar 13,2017 |
| YELLOW COATING ON SAWDUST | BKKH17003954 | Apr 03, 2017 |
| WHITE COATING ON SAWDUST | BKKH17003953 | Apr 03, 2017 |
| BROWN COATING ON SAWDUST | BKKH17005493 | May 17, 2017 |
| | | |

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

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

| <u>Clause</u> | <u>Testing items</u> | <u>Assessment</u> |
|---------------|--|-------------------|
| 4.1 | Material quality | Р |
| 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) | Р |
| 4.7 | Accessible edges | Р |
| 4.8 | Projections | NA |
| 4.9 | Accessible points | Р |
| 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 | Р |
| 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

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 | Р |
| 6 | Instructional literature | Р |
| 7 | Producer's markings | |
| | - name of producer (toy and package) | Yes |
| | - address (package) | Yes |

Remark: P = Pass NA = Not applicable

▲ = Tested items are not included in the TISI Accreditation

The submitted samples were undergone the tests in accordance with clause 8.5 through clause 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: March 01, 2017 to March 08, 2017

2 Flammability Test[▲]

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

Results: Did not ignite

▲ = Tested items are not included in the TISI Accreditation

Testing period: March 01, 2017 to March 08, 2017

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TEST REPORT

Test conducted:

3 Heavy Elements Analysis

As per clause 4.3.5.1(2) 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> mg/kg | | | | <u>LOD</u> mg/kg | <u>LOQ</u> mg/kg | Limit mg/kg |
|--------------------|-----|------------------------|-----|-----|-----|---------------------|---------------------|-------------|
| | (1) | (2) | (3) | (4) | (5) | | | |
| Sol. Barium (Ba) | 239 | ND | ND | 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

< = 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) = | Brown Coating On Wood | Refer | BKKH16006844 |
|-------|-------------------------------|-------|--------------|
| (2) = | RED COATING ON WOOD | Refer | BKKH16008147 |
| (3) = | ORANGE COATING ON WOOD (8147) | Refer | BKKH16008147 |
| (4) = | LACQUER COATING ON WOOD | Refer | BKKH16008147 |
| (5) = | WHITE COATING ON WOOD | Refer | BKKH16008148 |

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

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Number: BKKH17002817

TEST REPORT

Test conducted:

<u>Heavy Elements Analysis</u>
As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11 and F963-16[♠], acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

| | | <u>Result</u> mg/kg | | | | <u>LOD</u> mg/kg | <u>LOQ</u> mg/kg | Limit mg/kg |
|--------------------|-----|------------------------|-----|-----|------|---------------------|---------------------|-------------|
| | (6) | (7) | (8) | (9) | (10) | <u>gg</u> | <u>gg</u> | |
| Sol. Barium (Ba) | <4 | <4 | 177 | <4 | 7 | 1 | 5 | 1000 |
| Sol. Lead (Pb) | ND | ND | ND | ND | ND | 1 | 5 | 90 |
| Sol. Cadmium (Cd) | <4 | 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

< = 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

Tested components:

| (6) = | YELLOW COATING ON WOOD | Refer | BKKH16008768 |
|--------|---------------------------|-------|--------------|
| (7) = | Orange Coating On Wood | Refer | BKKH16016212 |
| (8) = | Gray coating on wood | Refer | BKKH16015641 |
| (9) = | Black Coating On Wood | Refer | BKKH16016482 |
| (10) = | YELLOW COATING ON SAWDUST | Refer | BKKH17003954 |

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

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Number: BKKH17002817

TEST REPORT

Test conducted:

<u>Heavy Elements Analysis</u>
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 | <u>LOD</u> mg/kg | <u>LOQ</u> mg/kg | Limit mg/kg |
|--------------------|------|------|-----------------|---------------------|---------------------|-------------|
| | (11) | (12) | | | | |
| Sol. Barium (Ba) | 10 | <5 | | 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 items are not included in the TISI Accreditation

Tested components:

| (11) = | WHITE COATING ON SAWDUST | Refer | BKKH17003953 |
|--------|--------------------------|-------|--------------|
| (12) = | BROWN COATING ON SAWDUST | Refer | BKKH17005493 |

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

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Number: BKKH17002817

TEST REPORT

Test conducted:

Heavy Elements Analysis

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

| | | | Result mg/kg | | | <u>LOD</u> mg/kg | <u>LOQ</u> mg/kg | Limit mg/kg |
|--------------------|------|------|-----------------|------|------|---------------------|---------------------|-------------|
| | (13) | (14) | (15) | (16) | (17) | <u>gg</u> | <u>gg</u> | |
| Sol. Barium (Ba) | ND | ND | ND | <4 | ND | 1 | 5 | 1000 |
| Sol. Lead (Pb) | ND | ND | ND | <4 | 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

< = 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:

| (13) = | Solid Wood | Refer | BKKH17000142 |
|--------|----------------------|-------|--------------|
| (14) = | Plywood | Refer | BKKH16007214 |
| (15) = | WHITE JOINT PLASTIC | Refer | BKKH16014216 |
| (16) = | RED SAWDUST | Refer | BKKH16016103 |
| (17) = | Black/ White plastic | Refer | BKKH16017641 |

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

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

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^A, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

| | | | Result mg/kg | - | LOD ng/kg | <u>LOQ</u> mg/kg | Limit mg/kg |
|--------------------|------|------|-----------------|---|--------------|---------------------|-------------|
| | (18) | (19) | (20) | | | | |
| Sol. Barium (Ba) | ND | ND | ND | | 1 | 5 | 1000 |
| Sol. Lead (Pb) | ND | ND | ND | | 1 | 5 | 90 |
| Sol. Cadmium (Cd) | ND | ND | ND | | 1 | 5 | 75 |
| Sol. Antimony (Sb) | ND | ND | <5 | | 2 | 5 | 60 |
| Sol. Selenium (Se) | ND | ND | ND | | 1 | 5 | 500 |
| Sol. Chromium (Cr) | ND | ND | ND | | 2 | 5 | 60 |
| Sol. Mercury (Hg) | ND | ND | ND | | 1 | 5 | 60 |
| Sol. Arsenic (As) | ND | ND | ND | | 2 | 5 | 25 |

Remark: Sol. = Soluble

< = 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 items are not included in the TISI Accreditation

Tested components:

| (18) = | WHITE ELASTIC | Refer | BKKH17003195 |
|--------|---------------|-------|--------------|
| (19) = | BLACK ELASTIC | Refer | BKKH17003195 |
| (20) = | WHITE CORD | Refer | BKKH17003199 |

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

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TEST REPORT

Test conducted:

Total Lead (Pb) Content

As per clause 4.3.5.1(1) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11 and F963-16^A, 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 | <u>Result</u> | <u>LOD</u> | <u>LOQ</u> | <u>Limit</u> |
|------------------|---------------|----------------|----------------|----------------|
| rested Component | <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 |
| (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 |
| | | | | |

Remark:

A = Tested items are not included in the TISI Accreditation

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) = | Brown Coating On Wood | Refer | BKKH16006844 |
|--------|-------------------------------|-------|--------------|
| (2) = | RED COATING ON WOOD | Refer | BKKH16008147 |
| (3) = | ORANGE COATING ON WOOD (8147) | Refer | BKKH16008147 |
| (4) = | LACQUER COATING ON WOOD | Refer | BKKH16008147 |
| (5) = | WHITE COATING ON WOOD | Refer | BKKH16008148 |
| (6) = | YELLOW COATING ON WOOD | Refer | BKKH16008768 |
| (7) = | Orange Coating On Wood | Refer | BKKH16016212 |
| (8) = | Gray coating on wood | Refer | BKKH16015641 |
| (9) = | Black Coating On Wood | Refer | BKKH16016482 |
| (10) = | YELLOW COATING ON SAWDUST | Refer | BKKH17003954 |
| (11) = | WHITE COATING ON SAWDUST | Refer | BKKH17003953 |
| (12) = | BROWN COATING ON SAWDUST | Refer | BKKH17005493 |
| | | | |

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TEST REPORT

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 | <u>Result</u> | LOD | <u>LOQ</u> | <u>Limit</u> |
|------------------|---------------|----------------|------------|----------------|
| rested Component | <u>mg/kg</u> | <u>(mg/kg)</u> | (mg/kg) | <u>(mg/kg)</u> |
| (13) | ND | 1 | 13 | 100 |
| (14) | ND | 1 | 13 | 100 |
| (15) | ND | 1 | 13 | 100 |
| (16) | <13 | 1 | 13 | 100 |
| (17) | ND | 1 | 13 | 100 |
| (18) | ND | 1 | 13 | 100 |
| (19) | ND | 1 | 13 | 100 |
| (20) | ND | 1 | 13 | 100 |
| (21) | ND | 2 | 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 items are not included in the TISI Accreditation

Tested components:

| (13) = | Solid Wood | Refer | BKKH17000142 |
|-----------|--------------------------------------|--------|--------------|
| (14) = | Plywood | Refer | BKKH16007214 |
| (15) = | WHITE JOINT PLASTIC | Refer | BKKH16014216 |
| (16) = | RED SAWDUST | Refer | BKKH16016103 |
| (17) = | Black/ White plastic | Refer | BKKH16017641 |
| (18) = | WHITE ELASTIC | Refer | BKKH17003195 |
| (19) = | BLACK ELASTIC | Refer | BKKH17003195 |
| (20) = | WHITE CORD | Refer | BKKH17003199 |
| (21) = | Bell | Refer | BKKH17003198 |
| ********* | ************************************ | ****** | ******* |

Intertek Testing Services (Thailand) Ltd.

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Attention is drawn to the Terms and Conditions printed overleaf.



NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

4 Total Lead (Pb) content ⁴

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 | <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 |
| (4) | ND | 0.0002 | 0.0013 | 0.009 |
| (5) | ND | 0.0002 | 0.0013 | 0.009 |
| (6) | ND | 0.0002 | 0.0013 | 0.009 |
| (7) | ND | 0.0002 | 0.0013 | 0.009 |
| (8) | ND | 0.0002 | 0.0013 | 0.009 |
| (9) | ND | 0.0002 | 0.0013 | 0.009 |
| (10) | ND | 0.0002 | 0.0013 | 0.009 |
| (11) | ND | 0.0002 | 0.0013 | 0.009 |
| (12) | ND | 0.0002 | 0.0013 | 0.009 |

Remark: % = percentage

< = Less than
LOD = Limit of Detection
LOQ = Limit of Quantitation</pre>

ND = Not detected (Less than LOD)

▲ = Tested items are not included in the TISI Accreditation

Tested components:

| r cottoa component | o. | | |
|--------------------|-------------------------------|-------|--------------|
| (1) = | Brown Coating On Wood | Refer | BKKH16006844 |
| (2) = | RED COATING ON WOOD | Refer | BKKH16008147 |
| (3) = | ORANGE COATING ON WOOD (8147) | Refer | BKKH16008147 |
| (4) = | LACQUER COATING ON WOOD | Refer | BKKH16008147 |
| (5) = | WHITE COATING ON WOOD | Refer | BKKH16008148 |
| (6) = | YELLOW COATING ON WOOD | Refer | BKKH16008768 |
| (7) = | Orange Coating On Wood | Refer | BKKH16016212 |
| (8) = | Gray coating on wood | Refer | BKKH16015641 |
| (9) = | Black Coating On Wood | Refer | BKKH16016482 |
| (10) = | YELLOW COATING ON SAWDUST | Refer | BKKH17003954 |
| (11) = | WHITE COATING ON SAWDUST | Refer | BKKH17003953 |
| (12) = | BROWN COATING ON SAWDUST | Refer | BKKH17005493 |
| | | | |

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Attention is drawn to the Terms and Conditions printed overleaf.



NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

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

| Tested component | <u>Result</u> | <u>LOD</u> | <u>LOQ</u> | <u>Limit mg/kg</u> |
|------------------|---------------|------------|------------|--------------------|
| | <u>mg/kg</u> | mg/kg | mg/kg | |
| (1) | ND | 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 |

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) = | Brown Coating On Wood | Refer | BKKH16006844 |
|--------|-------------------------------|-------|--------------|
| (2) = | RED COATING ON WOOD | Refer | BKKH16008147 |
| (3) = | ORANGE COATING ON WOOD (8147) | Refer | BKKH16008147 |
| (4) = | LACQUER COATING ON WOOD | Refer | BKKH16008147 |
| (5) = | WHITE COATING ON WOOD | Refer | BKKH16008148 |
| (6) = | YELLOW COATING ON WOOD | Refer | BKKH16008768 |
| (7) = | Orange Coating On Wood | Refer | BKKH16016212 |
| (8) = | Gray coating on wood | Refer | BKKH16015641 |
| (9) = | Black Coating On Wood | Refer | BKKH16016482 |
| (10) = | YELLOW COATING ON SAWDUST | Refer | BKKH17003954 |
| (11) = | WHITE COATING ON SAWDUST | Refer | BKKH17003953 |
| (12) = | BROWN COATING ON SAWDUST | Refer | BKKH17005493 |
| | | | |

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

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-E1001-08.3:2012 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

| Tested component | <u>Result</u> | LOD | <u>LOQ</u> | <u>Limit mg/kg</u> |
|------------------|---------------|-------|------------|--------------------|
| | <u>mg/kg</u> | mg/kg | mg/kg | |
| (1) | 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 items are not included in the TISI Accreditation

Tested components:

(1) = Bell Refer BKKH17003198

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

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 | <u>Result</u> | LOD | <u>LOQ</u> | <u>Limit mg/kg</u> |
|------------------|---------------|--------------|------------|--------------------|
| | <u>mg/kg</u> | <u>mg/kg</u> | mg/kg | |
| (2) | ND | 1 | 13 | 100 |
| (3) | ND | 1 | 13 | 100 |
| (4) | ND | 1 | 13 | 100 |
| (5) | <13 | 1 | 13 | 100 |
| (6) | ND | 1 | 13 | 100 |
| (7) | ND | 1 | 13 | 100 |
| (8) | ND | 1 | 13 | 100 |
| (9) | 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 items are not included in the TISI Accreditation

Tested components:

| (2) = | Solid Wood | Refer | BKKH17000142 |
|-------|----------------------|-------|--------------|
| (3) = | Plywood | Refer | BKKH16007214 |
| (4) = | WHITE JOINT PLASTIC | Refer | BKKH16014216 |
| (5) = | RED SAWDUST | Refer | BKKH16016103 |
| (6) = | Black/ White plastic | Refer | BKKH16017641 |
| (7) = | WHITE ELASTIC | Refer | BKKH17003195 |
| (8) = | BLACK ELASTIC | Refer | BKKH17003195 |
| (9) = | WHITE CORD | Refer | BKKH17003199 |

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NSC-TISI-TIS 17025 TESTING 0417

Number: BKKH17002817

TEST REPORT

Test conducted:

7 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 | | | LOD | LOQ | <u>Limit</u> | NPR |
|---|-----|-----|----------|-----|-----|----------|----------|--------------|----------|
| | | | (%, w/w) | | | (%, w/w) | (%, w/w) | (%, w/w) | (%, 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 %, 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) = | Brown Coating On Wood | Refer | BKKH16006844 |
|-------|-------------------------------|-------|--------------|
| (2) = | Plywood | Refer | BKKH16007214 |
| (3) = | RED COATING ON WOOD | Refer | BKKH16008147 |
| (4) = | ORANGE COATING ON WOOD (8147) | Refer | BKKH16008147 |
| (5) = | LACQUER COATING ON WOOD | Refer | BKKH16008147 |
| | | | |

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

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 | | | LOD | <u>LOQ</u> | <u>Limit</u> | NPR |
|---|-----|-----|----------|-----|------|----------|------------|-----------------|----------|
| | | | (%, w/w) | | | (%, w/w) | (%, w/w) | <u>(%, w/w)</u> | (%, w/w) |
| | (6) | (7) | (8) | (9) | (10) | | | | |
| Dibutyl Phthalate (DBP) | ND | ND | ND | ND | ND | 0.0015 | 0.003 | 0.1 | 0.1 |
| Diethyl hexyl Phthalate (DEHP) | ND | ND | 0.0751 | 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 %, 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) = | WHITE COATING ON WOOD | Refer | BKKH16008148 |
|--------|------------------------|-------|--------------|
| (7) = | YELLOW COATING ON WOOD | Refer | BKKH16008768 |
| (8) = | WHITE JOINT PLASTIC | Refer | BKKH16014216 |
| (9) = | RED SAWDUST | Refer | BKKH16016103 |
| (10) = | Orange Coating On Wood | Refer | BKKH16016212 |

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

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 | | LOD | <u>LOQ</u> | <u>Limit</u> | NPR | |
|---|------|------|----------|------|------|------------|--------------|-----------------|----------|
| | | | (%, w/w) | | | (%, w/w) | (%, w/w) | <u>(%, w/w)</u> | (%, w/w) |
| | (11) | (12) | (13) | (14) | (15) | | | | |
| 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 %, 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) = | Gray coating on wood | Refer E | 3KKH16015641 |
|--------|-----------------------|---------|--------------|
| (12) = | Black Coating On Wood | Refer B | 3KKH16016482 |
| (13) = | Black/ White plastic | Refer B | 3KKH16017641 |
| (14) = | WHITE ELASTIC | Refer B | 3KKH17003195 |
| (15) = | BLACK ELASTIC | Refer B | 3KKH17003195 |
| | | | |

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

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 | LOD | <u>LOQ</u> | <u>Limit</u> | NPR |
|---|------|------|-----------------|----------|------------|-----------------|----------|
| | | | <u>(%, w/w)</u> | (%, w/w) | (%, w/w) | <u>(%, w/w)</u> | (%, w/w) |
| | (16) | (17) | (18) | | | | |
| Dibutyl Phthalate (DBP) | ND | ND | ND | 0.0015 | 0.003 | 0.1 | 0.1 |
| Diethyl hexyl Phthalate (DEHP) | ND | ND | ND | 0.0015 | 0.003 | 0.1 | 0.1 |
| Benzyl butyl Phthalate (BBP) | ND | ND | ND | 0.0015 | 0.003 | 0.1 | 0.1 |
| Di-iso-nonyl Phthalate (DINP) | ND | ND | ND | 0.0015 | 0.009 | 0.1 | 0.1 |
| Di-n-octyl Phthalate (DNOP) | ND | ND | ND | 0.0015 | 0.003 | 0.1 | |
| Di-iso-decyl Phthalate (DIDP) | ND | ND | ND | 0.0015 | 0.009 | 0.1 | |
| Di-isobutyl phthalate (DIBP) [▲] | ND | ND | ND | 0.0015 | 0.009 | | 0.1 |
| Di-n-pentyl phthalate (DnPP) [▲] | ND | ND | ND | 0.0015 | 0.009 | | 0.1 |
| Di-n-hexyl phthalate (DnHP) [▲] | ND | ND | ND | 0.0015 | 0.009 | | 0.1 |
| Di-cyclohexyl phthalate (DCHP) [▲] | ND | ND | ND | 0.0015 | 0.009 | | 0.1 |
| Diisooctyl phthalate (DIOP) [▲] | 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 %, 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) = | YELLOW COATING ON SAWDUST | Refer | BKKH17003954 |
|--------|---------------------------|-------|--------------|
| (17) = | WHITE COATING ON SAWDUST | Refer | BKKH17003953 |
| (18) = | BROWN COATING ON SAWDUST | Refer | BKKH17005493 |

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

8 Phthalate content test^{*}

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

| | | | Result | <u>LOD</u> | <u>LOQ</u> | <u>Limit</u> | | |
|--------------------------------|-----|-----|----------|------------|------------|--------------|----------|----------|
| | | | (%, w/w) | | | (%, w/w) | (%, w/w) | (%, w/w) |
| | (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 |
| Dioctyl 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: %, 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) = | Brown Coating On Wood | Refer | BKKH16006844 |
|-------|-------------------------------|-------|--------------|
| (2) = | Plywood | Refer | BKKH16007214 |
| (3) = | RED COATING ON WOOD | Refer | BKKH16008147 |
| (4) = | ORANGE COATING ON WOOD (8147) | Refer | BKKH16008147 |
| (5) = | LACQUER COATING ON WOOD | Refer | BKKH16008147 |

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

Phthalate content test

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

| | | | Result | | | LOD | LOQ | <u>Limit</u> |
|--------------------------------|-----|-----|-----------------|-----|------|----------|----------|--------------|
| | | | <u>(%, w/w)</u> | | | (%, w/w) | (%, w/w) | (%, w/w) |
| | (6) | (7) | (8) | (9) | (10) | | | |
| Dibutyl Phthalate (DBP) | ND | ND | ND | ND | ND | 0.0015 | 0.003 | 0.1 |
| Diethyl hexyl Phthalate (DEHP) | ND | ND | 0.0751 | 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 |
| Dioctyl 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: %, 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) = | . WHITE COATING ON WOOD | Refer | BKKH16008148 |
|--------|-------------------------|-------|--------------|
| (7) = | YELLOW COATING ON WOOD | Refer | BKKH16008768 |
| (8) = | WHITE JOINT PLASTIC | Refer | BKKH16014216 |
| (9) = | RED SAWDUST | Refer | BKKH16016103 |
| (10) = | Orange Coating On Wood | Refer | BKKH16016212 |

Intertek Testing Services (Thailand) Ltd.



NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

Phthalate content test

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

| | | | Result | | | LOD | <u>LOQ</u> | <u>Limit</u> |
|--------------------------------|------|------|----------|------|------|----------|------------|--------------|
| | | | (%, w/w) | | | (%, w/w) | (%, w/w) | (%, w/w) |
| | (11) | (12) | (13) | (14) | (15) | | | |
| 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 |
| Dioctyl 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: %, 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) = | Gray coating on wood | Refer | BKKH16015641 |
|--------|-----------------------|-------|--------------|
| (12) = | Black Coating On Wood | Refer | BKKH16016482 |
| (13) = | Black/ White plastic | Refer | BKKH16017641 |
| (14) = | WHITE ELASTIC | Refer | BKKH17003195 |
| (15) = | BLACK ELASTIC | Refer | BKKH17003195 |

Intertek Testing Services (Thailand) Ltd.

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Attention is drawn to the Terms and Conditions printed overleaf.



NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

Phthalate content test^{*}

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

| | | | Result | <u>LOD</u> | <u>LOQ</u> | <u>Limit</u> |
|--------------------------------|------|------|-----------------|------------|------------|--------------|
| | | | <u>(%, w/w)</u> | (%, w/w) | (%, w/w) | (%, w/w) |
| | (16) | (17) | (18) | | | |
| Dibutyl Phthalate (DBP) | ND | ND | ND | 0.0015 | 0.003 | 0.1 |
| Diethyl hexyl Phthalate (DEHP) | ND | ND | ND | 0.0015 | 0.003 | 0.1 |
| Benzyl butyl Phthalate (BBP) | ND | ND | ND | 0.0015 | 0.003 | 0.1 |
| Di-iso-nonyl Phthalate (DINP) | ND | ND | ND | 0.0015 | 0.009 | 0.1 |
| Dioctyl Phthalate (DNOP) | ND | ND | ND | 0.0015 | 0.003 | 0.1 |
| Di-iso-decyl Phthalate (DIDP) | ND | ND | ND | 0.0015 | 0.009 | 0.1 |
| Di-n-hexyl Phthalate (DnHP) | ND | ND | ND | 0.0015 | 0.003 | 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
The above limit was quoted according to the California Proposition 65

Note:

Tested components:

| (16) = | YELLOW COATING ON SAWDUST | Refer | BKKH17003954 |
|--------|---------------------------|-------|--------------|
| (17) = | WHITE COATING ON SAWDUST | Refer | BKKH17003953 |
| (18) = | BROWN COATING ON SAWDUST | Refer | BKKH17005493 |

Intertek Testing Services (Thailand) Ltd.



NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

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.

| l | Surface coating material | | | | |
|---|--------------------------|--------------|-------|------------|--------------|
| | Tested component | Result | LOD | <u>LOQ</u> | <u>Limit</u> |
| | | <u>mg/kg</u> | mg/kg | mg/kg | mg/kg |
| | (1) | ND | 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 |
| | | | | | |

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.

Intertek Testing Services (Thailand) Ltd.

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TEST REPORT

Test conducted:

Tested components:

| 1 0310 | ou component | J. | | |
|--------|--------------|-------------------------------|-------|--------------|
| (1) | = | Brown Coating On Wood | Refer | BKKH16006844 |
| (2) | = | RED COATING ON WOOD | Refer | BKKH16008147 |
| (3) | = | ORANGE COATING ON WOOD (8147) | Refer | BKKH16008147 |
| (4) | = | LACQUER COATING ON WOOD | Refer | BKKH16008147 |
| (5) | = | WHITE COATING ON WOOD | Refer | BKKH16008148 |
| (6) | = | YELLOW COATING ON WOOD | Refer | BKKH16008768 |
| (7) | = | Orange Coating On Wood | Refer | BKKH16016212 |
| (8) | = | Gray coating on wood | Refer | BKKH16015641 |
| (9) | = | Black Coating On Wood | Refer | BKKH16016482 |
| (10) | = | YELLOW COATING ON SAWDUST | Refer | BKKH17003954 |
| (11) | = | WHITE COATING ON SAWDUST | Refer | BKKH17003953 |
| (12) | = | BROWN COATING ON SAWDUST | Refer | BKKH17005493 |
| | | | | |

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NSC-TISI-TIS 17025 TESTING 0417 Number: BKKH17002817

TEST REPORT

Test conducted:

II Non-surface coating material (substrate)

| Tested component | Result | LOD | <u>LOQ</u> | <u>Limit</u> |
|------------------|--------------|-------|------------|--------------|
| | <u>mg/kg</u> | mg/kg | mg/kg | mg/kg |
| (13) | ND | 1 | 13 | 100 |
| (14) | ND | 1 | 13 | 100 |
| (15) | ND | 1 | 13 | 100 |
| (16) | <13 | 1 | 13 | 100 |
| (17) | ND | 1 | 13 | 100 |
| (18) | ND | 1 | 13 | 100 |
| (19) | ND | 1 | 13 | 100 |
| (20) | ND | 1 | 13 | 100 |
| (21) | 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.

Intertek Testing Services (Thailand) Ltd.





TEST REPORT

Test conducted:

Tested components:

| (13) | = | Solid Wood | Refer | BKKH17000142 |
|------|---|----------------------|-------|--------------|
| (14) | = | Plywood | Refer | BKKH16007214 |
| (15) | = | WHITE JOINT PLASTIC | Refer | BKKH16014216 |
| (16) | = | RED SAWDUST | Refer | BKKH16016103 |
| (17) | = | Black/ White plastic | Refer | BKKH16017641 |
| (18) | = | WHITE ELASTIC | Refer | BKKH17003195 |
| (19) | = | BLACK ELASTIC | Refer | BKKH17003195 |
| (20) | = | WHITE CORD | Refer | BKKH17003199 |
| (21) | = | Bell | Refer | BKKH17003198 |

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

*************/KS/ST

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