

Test Report

Report No.: SHT09021000237

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Client : NANTONG GOLDEN PHOENIX TOY MANUFACTURING CO.LTD.
Address : NO.869 NANYUAN MIDDLE ROAD QIDONG CITY JIANGSU CHINA

Report on the submitted sample said to be:

Sample Description : Skateboard Outfit
Item/Lot No. : 20144
Country of Origin : China
Exported to : U.S.A
Labelled Age Grading : Over three
Age Group Applied in Testing : Over 3 years
Sample Received Date : Feb.10, 2009
Sample Tested Date : Feb.10, 2009 to Feb.16, 2009

TEST REQUEST

ASTM F963-07^{e1} Standard Consumer Safety Specification for Toy Safety

CONCLUSION

PASS

Test Results: Please refer to next page(s)

Inspected by: Maggie , Approved by: Jacky Chan , Approved date: 2009-02-16
General Manager



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ASTM F963 – 07^{e1}

AS SPECIFIED IN ASTM F963-07^{e1} STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY.

| <u>Clause</u> | <u>Description</u> | <u>Assessment</u> |
|---------------|---|----------------------|
| 4. | Safety Requirements | |
| 4.1 | Material Quality **..... | Pass |
| 4.2 | Flammability Test..... | N/A (See Note 1) |
| 4.3 | Toxicology | |
| 4.3.5 | Paint & Similar Surface-coating Material..... | Pass (See Note 2) |
| 4.6 | Small Objects..... | N/A |
| 4.7 | Accessible Edges..... | Pass |
| 4.9 | Accessible Points..... | Pass |
| 5. | Safety Labeling Requirements | |
| 5.2 | Age Grading Labeling..... | Pass |
| 7. | Producers Markings | |
| 7.1 | Producers Markings..... | Pass |
| 8. | Test Method | |
| 8.5 | Normal Use Testing | Pass |
| 8.7 | Impact Test | Pass |
| 8.8 | Torque Test..... | Pass |
| 8.9 | Tension Test..... | Pass |

**Visual Examination

N/A = Not Applicable

Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Textile Materials.....N/A

The samples are exempt from 16 CFR 1610.1(d)(1):plain surface fabric with weight>2.6OZ/sq.yd.

N/A = Not Applicable

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Note 2 :

ASTM F963-07^{e1} CLAUSE 4.3.5 - PAINT & SIMILAR SURFACE-COATING MATERIAL

Heavy Metals Analysis : Total Lead (Clause 4.3.5.1)

Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

| Element | Result(mg/kg) | | | | | Limit (mg/kg) |
|------------|---------------|-----|-----|-----|-----|------------------|
| | (1) | (2) | (3) | (4) | (5) | |
| Total Lead | 87 | < 5 | < 5 | < 5 | < 5 | 600 |

Tested Components:

- | | |
|-------------------------------|-------------------|
| (1) Black coating(label) | (4) Red coating |
| (2) Grey coating with glitter | (5) Black coating |
| (3) Blue coating | |

Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

Acid Extraction Method was Used in accord with ASTM F963-07^{e1} (Clause 8.3) and Toxic Elements Content were Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

| Elements | Result (mg/kg) | | | | Limit (mg/kg) |
|-----------------------|----------------|------|------|------|------------------|
| | (1) | (2) | (3) | (4) | |
| Soluble Antimony (Sb) | <5 | <5 | <5 | <5 | 60 |
| Soluble Arsenic (As) | <2.5 | <2.5 | <2.5 | <2.5 | 25 |
| Soluble Barium (Ba) | 25 | 17 | 18 | 7 | 1000 |
| Soluble Cadmium (Cd) | <5 | <5 | <5 | <5 | 75 |
| Soluble Chromium (Cr) | <2.5 | <2.5 | <2.5 | <2.5 | 60 |
| Soluble Lead (Pb) | <5 | <5 | <5 | <5 | 90 |
| Soluble Mercury (Hg) | <2.5 | <2.5 | <2.5 | <2.5 | 60 |
| Soluble Selenium (Se) | <5 | <5 | <5 | <5 | 500 |

Tested Components:

- (1) Grey coating with glitter
- (2) Blue coating(sample weight:85.0mg)
- (3) Red coating(sample weight:23.0mg)
- (4) Black coating(sample weight:49.0mg)

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Remark:

- \leq Less Than
- mg/kg = Milligram per kilogram based on dry weight of sample
- Results shown of soluble elements are of adjusted analytical results by subtracting analytical correction factor
- Where the test portion has a mass of between 10mg and 100mg, the quantity of the appropriate elements shall be calculated as if 100mg of the test portion had been used.
- As received, the test portion of black coating(label) is less than 10mg, therefore such components were not tested for soluble elements, as specified in ASTM F963-07^{e1} Clause 8.3.3.1 (2)

Note:

- Only applicable clauses were shown.

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Photo of the sample



*** End of report ***

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