

# Test Report

Report No.: SHT09021000215

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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 Name : Tuxedo  
Item No. : 20029  
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  
Further Information Date : Mar.02, 2009  
Sample Tested Date : Feb.10, 2009 to Mar.02, 2009

**TEST REQUEST**

ASTM F963-07<sup>e1</sup> Standard Consumer Safety Specification for Toy Safety

**CONCLUSION**

**PASS**

**Test Results:** Please refer to next page(s)

Inspected by: Maggie, Approved by: Victor wang, Approved date: 2009-03-02  
Engineer Victor wang  
Lab Manager



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**ASTM F963 –07<sup>e1</sup>**

AS SPECIFIED IN ASTM F963-07<sup>e1</sup> 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.....	Pass (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

Sample	Condition	Burning Time (second)					Classification
		1	2	3	4	5	
Dk. red fabric	As received	DNI	DNI	DNI	DNI	DNI	Class 1
	After washing	DNI	DNI	DNI	DNI	DNI	Class 1

Black fabric is exempt from 16CFR 1610.1(d)(1):plain surface fabric with weight>2.6oz/sq.yd.

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Classification:

Class 1: Normal Flammability

DNI = Did Not Ignite

Note:

- Only applicable clauses were shown.

Note 2 :

**ASTM F963-07<sup>e1</sup> 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).

<u>Element</u>	<u>Result(mg/kg)</u>		<u>Limit</u> (mg/kg)
	(1)	(2)	
Total Lead	<5	<5	600

Tested Components:

- (1) Black coating(button) (2) Black coating(label)

Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

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

Remark:

- < = Less than
- mg/kg = Milligram per kilogram based on dry weight of sample
- As received, the test portion of black coating(button) and black coating(label) are less than 10mg, therefore such components were not tested for soluble elements, as specified in ASTM F963-07<sup>e1</sup> Clause 8.3.3.1 (2)
- As per client request, all results are copied from CTI test report SZT09010800583 and SHT09021000218.

Note:

- Only applicable clauses were shown.

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## Photo of the sample



\*\*\* End of report \*\*\*

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