

TEST REPORT

NO.: A001T120618255008

Date: Jun. 21, 2012

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Customer: Artistic Toy Mfg., Inc.

Address: 1405 South Albert St. Allentown, PA 18103 USA

Report on the submitted sample said to be

Sample name: 8"BROWN AVIATOR BEAR

Model: S2000

Item/Lot No. : PO#1183

Material: BROWN PLUSH

Description: SITTING BEAR

Buyer: /

Supplier: CHINA NINGBO CIXI IM & EX. CORP

Manufacturer: NINGBO HEFAN PLUSH PRODUCTS CO.,LTD.

Country of Origin: CHINA

Country of Destination: USA

Labelled Age Grading: AGES 3 AND UP

Sample received date: Jun. 18, 2012

Testing period: From Jun. 18, 2012 to Jun. 21, 2012

Testing Requested:

Conclusion:

1.ASTM Standard Consumer Safety Specification on Toy Safety F 963-08

- ASTM F 963-08: Physical & Mechanical Tests

Pass

- ASTM F 963-08: Flammability Tests

Pass

- ASTM F 963-08: Heavy Metal Content

Pass

2. As specified by client, to determine DINP、DNOP、DEHP(DOP)、DBP、BBP and DIDP content in the submitted samples in accordance with Consumer Product Safety Improvement Act of 2008 (H.R. 4040) section 108--Prohibition on sale of certain products containing specified phthalates.

Pass

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of
Shenzhen AOV Testing Technology Co., Ltd

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Results:

- Mechanical and physical hazards

Ref: ASTM F 963-08 Section 4;5;6;7 and 8

Section	Description	Result
4	Safety requirements	
4.1	Material Quality	Pass
4.2	Flammability	Pass See Flammability Test Result
4.6	Small Objects	Pass
4.7	Accessible Edges	Pass
4.8	Points and Wires	Pass
4.27	Stuffed and Beanbag-Type Toys	Pass
5	Safety Labeling Requirements	
5.2	Age Grading Labeling Remark: Toys that are subject to any of the requirements of this specification should be labeled to indicate the minimum age for intended use or have such labeling on any retail packaging.	Pass See Remark
6	Instructional Literature	
6.1	Definition and Description Remark: Information and instructions that are provided for the safe use or assembly, or both, of a toy, whether on the package or in leaflet form, shall be easy to read understand by persons of the age level for whom the instructions and information are intended, including, if appropriate, children for whom the toy is intended. All such literature shall be shown in the English language at a minimum.	Pass See Remark
7	Producer's Markings	
7.1	Name and Address of the Producer or Distributor Remark: Either a principal component of a toy or the package of a toy shall be marked with the name and address of producer or the distributor. In the case of toys sold in bulk, such as jacks or marbles, only the container need be marked. All of these markings shall be legible and so positioned as to be seen easily by the customer and shall resist normal use conditions. Toys may carry a code that will enable the producer to identify model changes except for toys comprising many loose components, in which case the container may be so coded.	Pass See Remark
8	Test Methods	
8.5	Normal Use Testing	Pass
8.7	Impact Tests	Pass
8.8	Torque Tests for Removal of Components	Pass
8.9	Tension Test for Removal of Components	Pass

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- Flammability of textile materials

Ref: ASTM F 963-08 Section 4.2

Method used: Federal Hazardous Substances Act (FHSA) 16 CFR 1500.44

Requirement: The burn rate shall not exceed 2.5 mm/s.

Result: The sample burn rate is 0.71 mm/s.

Specimen Description:

Code	Sample Name	Code	Sample Name
<u>1</u>	BROWN PLUSH	<u>8</u>	BROWN CURLY PLUSH
<u>2</u>	BEIGE PLUSH	<u>9</u>	ZIPPER
<u>3</u>	BEIGE NYLEX	<u>10</u>	WHITE NYLON FABRIC
<u>4</u>	PLASTIC EYES	<u>11</u>	CLEAR PLASTIC
<u>5</u>	PLASTIC NOSE	<u>12</u>	BLACK PLASTIC
<u>6</u>	BROWN VINYL	<u>13</u>	BROWN THREAD
<u>7</u>	BLACK T-SHIRT FABRIC	<u>/</u>	<u>/</u>

- Heavy metals analysis

Ref: ASTM F 963-08 Section 4.3.5 and CPSA 16CFR 1303

Determined by: ICP-OES

Soluble Element	Cadmium (Cd)	Lead (Pb)	Chromium (Cr)	Mercury (Hg)	Antimony (Sb)	Barium (Ba)	Arsenic (As)	Selenium (Se)	Total Lead
Limit	75	90	60	60	60	1000	25	500	100 90*
Code	Specimen's testing result: (Unit: mg/kg)								
<u>1</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>2</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>3</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>4</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>5</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>6</u>	<5	<5	<5	<5	<5	7	<5	<5	<5
<u>7</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>8</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>9</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>10</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>11</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>12</u>	<5	<5	<5	<5	<5	<5	<5	<5	<5
<u>13</u>	<5	<5	<5	<5	<5	6	<5	<5	<5

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Note:

- *Total lead content in surface coating.
- <=Less than.
- Results shown are of the adjusted analytical results.

- Phthalate content

Item	Unit	MQL	Limit	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
Di-iso-nonyl phthalate (DINP)	mg/kg	50	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Di-n-octyl phthalate (DNOP)	mg/kg	10	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Bis (2-ethylhexyl) phthalate (DEHP) (DOP)	mg/kg	10	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Diisodecyl phthalate (DIDP)	mg/kg	50	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Benzyl butyl phthalate (BBP)	mg/kg	10	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutyl phthalate (DBP)	mg/kg	10	1000	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MQL	Limit	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
Di-iso-nonyl phthalate (DINP)	mg/kg	50	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Di-n-octyl phthalate (DNOP)	mg/kg	10	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Bis (2-ethylhexyl) phthalate (DEHP) (DOP)	mg/kg	10	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Diisodecyl phthalate (DIDP)	mg/kg	50	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Benzyl butyl phthalate (BBP)	mg/kg	10	1000	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutyl phthalate (DBP)	mg/kg	10	1000	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MQL	Limit	<u>11</u>	<u>12</u>	<u>13</u>
Di-iso-nonyl phthalate (DINP)	mg/kg	50	1000	N.D.	N.D.	N.D.
Di-n-octyl phthalate (DNOP)	mg/kg	10	1000	N.D.	N.D.	N.D.
Bis (2-ethylhexyl) phthalate (DEHP) (DOP)	mg/kg	10	1000	N.D.	N.D.	N.D.
Diisodecyl phthalate (DIDP)	mg/kg	50	1000	N.D.	N.D.	N.D.
Benzyl butyl phthalate (BBP)	mg/kg	10	1000	N.D.	N.D.	N.D.
Dibutyl phthalate (DBP)	mg/kg	10	1000	N.D.	N.D.	N.D.

Note:

- mg/kg = ppm
- N.D. =Not Detected (<MQL)
- MQL=Method Quantitation Limit
- Photo is included.

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Photograph of Sample



8" BROWN AVIATOR BEAR

End of Report