CPSC Accredited Testing
Laboratory Identification
number: 1221

STC TEST REPORT

Date: 2015-12-25

No.: SP122516

Applicant : Hayes Specialties Corporation
1761 East Genesee Avenue, Saginaw MI 48601

Attn: MIKE/ELLEN

Buyer : Hayes Specialties Corporation

Description of Samples : One (1) group of submitted samples said to be:
16954--SPARKLE JESTER HAT
16955--THREE EYED ALIEN HAT
P/O NO.: 340717
COUNTRY OF ORIGIN: CHINA
COUNTRY OF DESTINATION: USA
AGE GRADING FOR TESTING: ABOVE 3 YEARS

Date Sample Received : 2015-12-18

Date Tested : 2015-12-18 to 2015-12-25

Requirements	Conclusion
1. US Consumer Product Safety Improvement Act - Total Lead content in substrate in accordance with Sec. 101(a). - Phthalates content in accordance with Sec 108.	Pass
2. The Total Lead content requirements according to the California Proposition 65	Pass
3. The BBP, DBP, DEHP, DnHP, DINP and DIDP content requirements according to the California Proposition 65.	Pass
4. The Phthalates content requirements according to California Assembly Bill NO.1108.	Pass
5. San Francisco Health Code - Phthalates content in accordance with Article 34, sec 34.2	Pass

HE Lijie, Bill
Toys and Children's Products Department
For and on behalf of
STC(Shanghai) Company Limited

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TEST RESULTS:

1. US Consumer Product Safety Improvement Act

1.1 Children's products containing lead - Total Lead content in substrate

Ref.: CPSIA Sec 101(a)
Determined by: Inductively Coupled Plasma-Optical Emission Spectrometer

Metal materials:
(1) Small bell: silver

Others materials:
(2) Glue: white
(3) Shiner: red
Shiner: green
(4) Shiner: blue
Shiner: yellow

Sample	Result	Limit
(1)	53ppm	100ppm
(2)	<10ppm	100ppm
(3)	<10ppm	100ppm
(4)	<10ppm	100ppm

Note: < denotes less than.

1.2 Phthalates content

Ref.: CPSIA Sec 108
Determined by: Gas Chromatography with Mass Selective Detector

Others materials:
(1) Glue: white
(2) Shiner: red
Shiner: green
(3) Shiner: blue
Shiner: yellow

A. For toys and childcare articles

Test Item	CAS No.	Result(ppm)			Limit(ppm)
		1	2	3	
Dibutyl phthalate(DBP)	84-74-2	<100	<100	<100	1000
Butyl benzyl phthalate (BBP)	85-68-7	<100	<100	<100	1000
Di -2-ethylhexyl phthalate (DEHP)	117-81-7	<100	<100	<100	1000

B. Additional requirements for toys and children articles, which can be placed in mouth by the children

Test Item	CAS No.	Result(ppm)			Limit(ppm)
		1	2	3	
Di-n-octyl phthalate(DNOP)	117-84-0	<100	<100	<100	1000
Di-iso-decyl phthalate(DIDP)	26761-40-0	<100	<100	<100	1000
Di-iso-nonyl phthalate(DINP)	28553-12-0	<100	<100	<100	1000

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TEST RESULTS:

Note: < denotes less than.

2. The Total Lead Content
Ref.: California Proposition 65
Determined by: Inductively Coupled Plasma-Optical Emission Spectrometer

Metal materials:
(1) Small bell: silver

Others materials:
(2) Glue: white
(3) Shiner: red
Shiner: green
(4) Shiner: blue
Shiner: yellow

Sample	Result	Limit
(1)	53ppm	100ppm
(2)	<10ppm	100ppm
(3)	<10ppm	100ppm
(4)	<10ppm	100ppm

Note: < denotes less than.

3. The BBP, DBP, DEHP, DnHP, DINP and DIDP content
Ref.: California Proposition 65
Determined by: Gas Chromatography with Mass Selective Detector

Others materials:
(1) Glue: white
(2) Shiner: red
Shiner: green
(3) Shiner: blue
Shiner: yellow

	1	2	3
- Di-n-butyl phthalate (DBP)	<100ppm	<100ppm	<100ppm
- Benzyl-n-butyl phthalate (BBP)	<100ppm	<100ppm	<100ppm
- Di (2-ethylhexyl) phthalate (DEHP)	<100ppm	<100ppm	<100ppm
- Di-n-Hexyl phthalate (DnHP)	<100ppm	<100ppm	<100ppm
- Di-iso-nonyl phthalate(DINP)	<100ppm	<100ppm	<100ppm
- Di-iso-decyl phthalate(DIDP)	<100ppm	<100ppm	<100ppm

Requirement: Each of the above phthalates shall not be greater than 1000ppm by mass of the tested material.

Note: < denotes less than.

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TEST RESULTS:

4. Phthalates content
Ref.: California Assembly Bill NO.1108
Determined by: Gas Chromatography with Mass Selective Detector

Others materials:
(1) Glue: white
(2) Shiner: red
Shiner: green
(3) Shiner: blue
Shiner: yellow

A. Any toy or children article

Test Item	CAS No.	Result(ppm)			Limit(ppm)
		1	2	3	
Dibutyl phthalate(DBP)	84-74-2	<100	<100	<100	1000
Butyl benzyl phthalate (BBP)	85-68-7	<100	<100	<100	1000
Di -2-ethylhexyl phthalate (DEHP)	117-81-7	<100	<100	<100	1000

B. Any toys and children articles which can be placed in mouth for children under 3 years

Test Item	CAS No.	Result(ppm)			Limit(ppm)
		1	2	3	
Di-n-octyl phthalate(DNOP)	117-84-0	<100	<100	<100	1000
Di-iso-decyl phthalate(DIDP)	26761-40-0	<100	<100	<100	1000
Di-iso-nonyl phthalate(DINP)	28553-12-0	<100	<100	<100	1000

Note: < denotes less than.

5. Phthalates content
Ref.: San Francisco Health Code Article 34, sec 34.2
Determined by: Gas Chromatography with Mass Selective Detector

Others materials:
(1) Glue: white
(2) Shiner: red
Shiner: green
(3) Shiner: blue
Shiner: yellow

	1	2	3
- Di-n-butyl phthalate (DBP)	<100ppm	<100ppm	<100ppm
- Benzyl-n-butyl phthalate (BBP)	<100ppm	<100ppm	<100ppm
- Di (2-ethylhexyl) phthalate (DEHP)	<100ppm	<100ppm	<100ppm
- Di-n-octyl phthalate (DNOP)	<100ppm	<100ppm	<100ppm
- Diisononyl phthalate (DINP)	<100ppm	<100ppm	<100ppm
- Diisodecyl phthalate (DIDP)	<100ppm	<100ppm	<100ppm

Requirement: Each of the above phthalates shall not be greater than 1000ppm by mass of the tested material.

Note: < denotes less than.

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The photo of submitted samples

********** End of Test Report **********

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