Test Report Number: SZHH01008780

Applicant: Wenzhou Zigpac Industry Limited Date: Nov 09, 2024
No. 148-152, Building C, Jiangbin Commercial and Residential
Building, Longgang City, Wenzhou City, Zhejiang 325802, China

Attn: BRUCE CHAN

Sample Description:
One (1) submitted sample said to be Wall sticker

Vendor	:	Zigpac.
Buyer	:	Knock Knock.
Country of Origin	:	China.
Date Sample Received	:	Nov 02, 2024
Remark	:	



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Tests conducted:
As requested by the applicant, refer to attached page(s) for details.

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To be continued

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.

Ben N.L. Lin
General Manager

Intertek Testing Services Shenzhen Ltd.- Hardlines
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Conclusion :

Tested Sample	Standard	Result
Submitted sample	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	Not Applicable
	Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2005-109	Not Applicable
Tested component of submitted sample	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass
	Phthalates content requirement in Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC)	Pass
	Australian Competition and Consumer Act 2010 with Consumer Protection Notice No. 11, 2011 - Permanent ban on children's products with Diethylhexyl Phthalate (DEHP)	See comment
Submitted sample	Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(3)(d) on phthalate content	Not Applicable
Tested component of submitted sample	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108 requirement on phthalate	Pass

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Tests Conducted

1 Total Lead (Pb) Content in Surface Coating

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted samples, the testing scope was not applicable to the submitted samples.

2 Total Heavy Elements Content

As per Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2005-109, acid digestion method was used and determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted samples, the testing scope of the standard was not applicable to the submitted samples.

3 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

As per Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm) Tested Component (1)	Reporting Limit (ppm)	Limit (ppm)
Lead (Pb)	ND	10	100

ppm = parts per million = mg/kg
ND = Not detected

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Tests Conducted

4 Phthalate Content

With reference to EN 14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

For 6 phthalate

Test Item	Result (%) Tested component (1)	Reporting Limit (%)	Limit (%)
Dibutyl phthalate (DBP)	ND	0.01	--
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	0.01	--
Benzyl butyl phthalate (BBP)	ND	0.01	---
Sum of DBP,DEHP and BBP	ND	--	0.1
Di-iso-nonyl phthalate (DINP)	ND	0.01	--
Di-n-octyl phthalate(DNOP)	ND	0.01	--
Di-iso-decyl phthalate (DIDP)	ND	0.01	--
Sum of DINP, DNOP and DIDP	ND	--	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009(formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.

ND = Not detected

Tested component: (1) Black adhesive plastic (chalkboard).

5 Diethylhexyl Phthalate (DEHP) Content

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

Test item	Result (%) Tested component (1)	Reporting limit (%)	Limit (%)
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	0.01	1

ND = Not detected

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Tests Conducted

6 Phthalate Content

As per Method C-34 published in Health Canada product safety reference manual book 5 - laboratory policies and procedures part B: test method section and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Assessment: As no PVC material was found in the submitted samples, thus no phthalate testing has been performed for Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(3)(d) on phthalate content

7 Phthalate Content

As per CPSC-CH-C1001-09.3, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	Result (%) Tested component (1)	Reporting Limit (%)	Limit (%)
Dibutyl phthalate (DBP)	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	ND	0.01	0.1
Di-n-octy phthalate (DNOP)	ND	0.01	0.1
Di-iso-decyl phthalate (DIDP)	ND	0.01	0.1

The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

ND = Not detected

End of report

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