

No. SHATY1926691304

Date: 08 Jan 2020

Page 1 of 10

HAPE INTERNATIONAL (NINGBO) LTD/ HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD 9-27NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : CREATIVE CONSTRUCTION KIT EIFFEL TOWER CREATIVITY KIT TRUSS CRANE MULTI-TOWER KIT GEODESIC STRUCTURES FLEXISTIX XXL

SGS Job No. :	SHHL1911064939TY - SH
Style No. :	E5567, E5567A E5563, E5563A, E5565, E5565A E5562, E5562A E5566, E5566A E5564, E5564A E8296,E8296A
Country of Destination :	GLOBAL
Age Labelling :	4Y+
Item No. :	E5567, E5567A E5563, E5563A, E5565, E5565A E5562, E5562A E5566, E5566A E5564, E5564A E8296,E8296A
Client Ref. Information :	BEL.ITEM NO:24200
Date of Sample Received :	02 Dec 2019
Testing Period :	02 Dec 2019 - 07 Jan 2020
Test Requested :	Selected test(s) as requested by client.
Test Method :	Please refer to next page(s).
Test Results :	Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)-Phthalates content	PASS
Entry No. 23 of Annex XVII of REACH Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) No 835/2012, (EU) No 494/2011 and (EU) 2016/217 - Cadmium (Cd)	PASS
GB 6675.1-2014– Phthalates	PASS
CONSUMER PRODUCT SAFETY COMMISSION-16 CFR Part 1307 [Docket No. CPSC–2014–0033], Final Rule, amending CPSIA section 108, Prohibition on Sale of Certain Products Containing Specified Phthalates	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or resputs shown in this test report refer only to the sample(s) tested. Attention is to the authenticity of testing / testing.

3¹⁶Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn t HL (86-21) 61402594 f HL (86-21)61156899 e sgs.china@sgs.com



No. SHATY1926691304

Date: 08 Jan 2020

Page 2 of 10

Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Lucia Lin

Lucia Liu Approved Signatory



3¹⁶Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn t HL (86-21) 61402594 f HL (86-21)61156899 e sgs.china@sgs.com



No. SHATY1926691304

Date: 08 Jan 2020

Page 3 of 10

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA19-266913.001	Orange silicone rubber support+Red silicone rubber support+Lt.blue
		silicone rubber support
SN2	SHA19-266913.002	Orange ABS Hook+ Yellow silicone rubber support

Remarks :

- (1) 1 mg/kg = 0.0001%
 (2) MDL = Method Detection Limit
 (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)-Phthalates content

Test Method : With reference to CPSC-CH-C 1001-09.3, analysis was performed by GC-MS.

<u>Test Item(s)</u>	CAS NO.	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
For all toys and childcare						
articles Dibutyl Phthalate (DBP)	84-74-2	-	%	0.003	ND	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	%	0.003	ND	ND
Bis-(2-ethylhexyl) Phthalate	117-81-7	-	%	0.003	ND	ND
(DEHP) Total (DBP+BBP+DEHP)		0.1	%	-	ND	ND
For toys and childcare articles						
that can be mouthed Diisononyl Phthalate (DINP)	28553-12-0	-	%	0.01	ND	ND
	/68515-48-0					
Di-n-octyl Phthalate (DNOP)	117-84-0	-	%	0.003	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0	-	%	0.01	ND	ND
Total (DINP+DNOP+DIDP)	/68515-49-1	0.1	%	-	ND	ND
Conclusion					PASS	PASS

Notes :



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faislication of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this lest report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.0889 Yishan Read Xuhu/DistrictShanghai China 200233 1E&E (86-21) 61402553 fE&E (86-21) 64953679 www.sgsgroup.com.on

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

tHL (86-21) 61402594 fHL (86-21)61156899 e sgs.china@sgs.com



No. SHATY1926691304

Date: 08 Jan 2020 Page 4 of 10

European Parliament adopted new phthalate Entry 51 & 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC);

(1-1) DBP, BBP and DEHP are totally banned for use in any toys on childcare articles where their concentration exceeds 0.1% by mass.

(1-2) DINP, DNOP, DIDP are totally banned for use in toys and childcare articles that can be mouthed where their concentration exceeds 0.1% by mass.

Entry No. 23 of Annex XVII of REACH Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) No 835/2012, (EU) No 494/2011 and (EU) 2016/217 - Cadmium (Cd)

Test Method : With reference to EN 1122:2001 Method B. Analysis was performed by AAS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
Cadmium (Cd)	0.01	%	0.0005	ND	ND
Conclusion				PASS	PASS

GB 6675.1-2014- Phthalates

Test Method : With reference to GB/T 22048-2015 . analysis was performed by GC-MS.

<u>Test Item(s)</u>	CAS NO.	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>
Dibutyl Phthalate (DBP)	84-74-2	-	%	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	%	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	-	%	0.003	ND
Total (DBP + BBP + DEHP)		0.1	%	-	ND
Diisononyl Phthalate (DINP)	28553-12-0	-	%	0.010	ND
	/68515-48-0				
Di-n-octyl Phthalate (DNOP)	117-84-0	-	%	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0	-	%	0.010	ND
	/68515-49-1				
Total (DINP + DNOP + DIDP)		0.1	%	-	ND
Conclusion					PASS
<u>Test Item(s)</u>	CAS NO.	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Dibutyl Phthalate (DBP)	84-74-2	-	%	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	%	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	-	%	0.003	ND
Total (DBP + BBP + DEHP)		0.1	%	-	ND
Diisononyl Phthalate (DINP)	28553-12-0	-	%	0.010	ND
	/68515-48-0				



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN. Doccheck.

3¹⁶Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 1 E&E (86-21) 61402553 (E&E (86-21)64953679 www.sasaroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Test Report	No. SHATY1926691304	Date: 08	Jan 2020) P	Page 5 of 10	
<u>Test Item(s)</u>	CAS NO.	<u>Limit</u>	<u>Unit</u>	MDL	<u>002</u>	
Di-n-octyl Phthalate (DNOP)	117-84-0	-	%	0.003	ND	
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	-	%	0.010	ND	
Total (DINP + DNOP + DIDP) Conclusion		0.1	%	-	ND PASS	

Notes :

(1) Composite test has been performed and the result is calculated using the minimum sample weight. (2) The test result is over the recommended safety limit as specified in GB/T 22048-2015 (60% of the regulatory limit). As the test result is based on the composite sample and is fall into an uncertain range, where "Pass" cannot be truly define, It is highly recommended to conduct individual test for the exact content of Phthalate in each individual component.

CONSUMER PRODUCT SAFETY COMMISSION-16 CFR Part 1307 [Docket No. CPSC-2014-0033], Final Rule, amending CPSIA section 108, Prohibition on Sale of Certain Products Containing Specified Phthalates

Test Method : With reference to CPSC-CH-C1001-09.4(2018), analysis was performed by GC-MS.

Test Item(s)	CAS NO.	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Benzyl Butyl Phthalate (BBP)	85-68-7	0.1	%	0.005	ND
Di-butyl Phthalate (DBP)	84-74-2	0.1	%	0.005	ND
Dicyclohexyl Phthalates (DCHP)	84-61-7	0.1	%	0.005	ND
Di(2-ethylhexyl)phthalate/Bis(2-ethylhexyl) phthalate	117-81-7	0.1	%	0.005	ND
(DEHP)					
Dihexyl Phthalates (DHEXP/ DnHP)	84-75-3	0.1	%	0.005	ND
Diisobutyl Phthalates (DIBP)	84-69-5	0.1	%	0.005	ND
Diisononyl Phthalate (DINP)	28553-12-0	0.1	%	0.005	ND
	/68515-48-0				
Dipentyl Phthalates (DPENP)	131-18-0	0.1	%	0.005	ND
Conclusion					PASS
<u>Test Item(s)</u>	CAS NO.	<u>Limit</u>	<u>Unit</u>	MDL	<u>002</u>
Benzyl Butyl Phthalate (BBP)	85-68-7	0.1	%	0.005	ND
Di-butyl Phthalate (DBP)	84-74-2	0.1	%	0.005	ND
Dicyclohexyl Phthalates (DCHP)	84-61-7	0.1	%	0.005	ND
Di(2-ethylhexyl)phthalate/Bis(2-ethylhexyl) phthalate	117-81-7	0.1	%	0.005	ND
(DEHP)					
Dihexyl Phthalates (DHEXP/ DnHP)	84-75-3	0.1	%	0.005	ND
Diisobutyl Phthalates (DIBP)	84-69-5	0.1	%	0.005	ND
Diisononyl Phthalate (DINP)	28553-12-0	0.1	%	0.005	ND
	/68515-48-0				



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and Offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, ion report & certificate, please contact us at telephone: (86-755) 8307 1443, esting /insp

3rdBuilding, No.889 Yishan Road Xuhui District, Shanghai China 200233 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



Test Report	No. SHATY1926691304 Date: 08 Jan 2020		Page 6 of 10		
<u>Test Item(s)</u> Dipentyl Phthalates (DPENP) Conclusion	<u>CAS NO.</u> 131-18-0	<u>Limit</u> 0.1	<u>Unit</u> %	<u>MDL</u> 0.005	002 ND PASS

Notes :

On October 27, 2017, the CPSC published the final rule in the Federal Register (82 FR 49938) to restrict phthalates in toys and child care articles under section 108 of the CPSIA, this final rule has in effect restricted a total of eight phthalates in children's toys and child care articles. It will become effective on April 25, 2018, and applies to toys and child care articles that are manufactured or imported from this date

Remark:

For method of CPSC-CH-C1001-09.3/CPSC-CH-C1001-09.4: Composite test has been performed. For Others: Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions/

3¹⁶Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn t HL (86-21) 61402594 f HL (86-21)61156899 e sgs.china@sgs.com



No. SHATY1926691304

Sample photo:







Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

3¹⁶Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com Member of the SGS Group (SGS SA)



No. SHATY1926691304

Date: 08 Jan 2020

Page 8 of 10







Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

3¹⁶Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 tE&E (86-21) 61402553 fE&E (86-21)64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



No. SHATY1926691304

Date: 08 Jan 2020

Page 9 of 10







Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

3¹⁶Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 tE&E (86-21) 61402553 fE&E (86-21)64953679 www.sgsgroup.com.cn

t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com



No. SHATY1926691304

Date: 08 Jan 2020

Page 10 of 10



SGS authenticate the photo on original report only

*** End of Report ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this lest report refer only to the sample(s) tested. Attention: To check the authenticity of testing linspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN. Doccheck@ses.com

3¹⁶Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 tE&E (86-21) 61402553 fE&E (86-21)64953679 www.sgsgroup.com.cn tHL (86-21) 61402594 fHL (86-21)61156899 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)