

**Test Report**

No. SHATY1926693104

Date: 08 Jan 2020

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

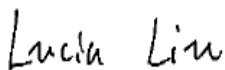
The following sample(s) was/were submitted and identified on behalf of the clients as : CREATIVE CONSTRUCTION KIT EIFFEL TOWER CREATIVITY KIT TRUSS CRANE MULTI-TOWER KIT GEODESIC STRUCTURES FLEXISTIX XXL

SGS Job No. : SHHL1911064940TY - 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
Commission Regulation (EU) No 1272/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)	PASS
Polycyclic aromatic hydrocarbons (PAHs)	See Results

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



Lucia Liu  
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA19-266931.001	Orange silicone rubber support+Red silicone rubber support+Lt.blue silicone rubber support
SN2	SHA19-266931.002	Yellow silicone rubber support

Remarks :

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

**Commission Regulation (EU) No 1272/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)**

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Benzo(a)anthracene(BaA)	0.5	mg/kg	0.1	ND
Chrysene(CHR)	0.5	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	0.5	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	0.5	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	0.5	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	0.5	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	0.5	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	0.5	mg/kg	0.1	ND

**Conclusion** **PASS**

Test Item(s)	Limit	Unit	MDL	002
Benzo(a)anthracene(BaA)	0.5	mg/kg	0.1	ND
Chrysene(CHR)	0.5	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	0.5	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	0.5	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	0.5	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	0.5	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	0.5	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	0.5	mg/kg	0.1	ND

**Conclusion** **PASS**



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Notes :

	Limit for General Product	Limit for Toys or Childcare Article
EU 8 PAHs	1.0mg/kg (each)	0.5mg/kg (each)

**Polycyclic aromatic hydrocarbons (PAHs)**

Test Method : With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Benzo(a)pyrene(BaP)	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	mg/kg	0.1	ND
Chrysene(CHR)	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.1	ND
Acenaphthylene(ANY)	mg/kg	0.1	ND
Acenaphthene(ANA)	mg/kg	0.1	ND
Fluorene(FLU)	mg/kg	0.1	ND
Phenanthrene(PHE)	mg/kg	0.1	ND
Pyrene(PYR)	mg/kg	0.1	ND
Anthracene(ANT)	mg/kg	0.1	ND
Fluoranthene(FLT)	mg/kg	0.1	ND
Sum of Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	mg/kg	-	ND
Naphthalene(NAP)	mg/kg	0.1	ND
Sum of 18 PAHs	mg/kg	-	ND

<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Benzo(a)pyrene(BaP)	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	mg/kg	0.1	ND
Chrysene(CHR)	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	mg/kg	0.1	ND



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Test Item(s)	Unit	MDL	002
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.1	ND
Acenaphthylene(ANY)	mg/kg	0.1	ND
Acenaphthene(ANA)	mg/kg	0.1	ND
Fluorene(FLU)	mg/kg	0.1	ND
Phenanthrene(PHE)	mg/kg	0.1	ND
Pyrene(PYR)	mg/kg	0.1	ND
Anthracene(ANT)	mg/kg	0.1	ND
Fluoranthene(FLT)	mg/kg	0.1	ND
Sum of Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	mg/kg	-	ND
Naphthalene(NAP)	mg/kg	0.1	ND
Sum of 18 PAHs	mg/kg	-	ND

Remark: Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.



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Sample photo:



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