

TEST REPORT

REPORT NUMBER : TURT130140417
APPLICANT NAME **Bilgi Dağ. Kitap Kırt. ve Büro Malz. Tic. Ltd. Şti.**
ADDRESS Merkez Mah. 29 Ekim Cad. No:53 Yenibosna Bahçelievler İstanbul TURKEY
FAX NO :0212 551 09 57
Attention :Efe Yüksel (efe@bilgi-dagitim.com)
BUYER **NOT GIVEN**
SAMPLE DESCRIPTION : One sample of six colour finger paint with multicolour outer cartoon
DATE IN : **24 September, 2013 (10:33)**
DATE OUT : **01 October, 2013**
ITEM NO : BP749-06
COUNTRY OF ORIGIN: CHINA
BARCODE NO: 8680525917551

TEST	Sample
SAFETY OF TOYS-PART 1 MECHANICAL AND PHYSICAL PROPERTIES	P (Except 7.1 & 7.2)
SAFETY OF TOYS-PART 2:FLAMMABILITY	P
SAFETY OF TOYS PART 3:SPECIFICATION FOR MIGRATION OF CERTAIN ELEMENTS	P
TOTAL PHTHALATE CONTENT	P
AZO DYESTUFF	P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE/ LS : LACK OF SAMPLE

The test results relate only to the items tested. The whole and/or the part of this test report shall not be reproduced and shall not be shared with third parties, nor to be used for PR activities without the written permission of INTERTEK Test Hizmetleri A.S.

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and UKAS accreditation requirements. Unless otherwise is specified, all Pass or Fail results are given without uncertainty considered. When uncertainty is taken into account, the result may be borderline. Borderline results need to be re-tested to determine their disposition up to customer's decision. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. Tests marked (*) in this test report are not included in the UKAS accreditation schedule for this laboratory.



Melahat YILDIRIM
COORDINATOR



Sinan Öncel
Customer Care Manager



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Test Method	Result	Requirements
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This report details the clauses appropriate to this item. Those clauses not referred to were considered not applicable.

Specification: BS EN 71-1: 2011- Safety of Toys - Specification for Mechanical and Physical Properties

The item was labelled “+3”
 The item was tested for children aged over 36 months.
 The item was packaging in a cardboard box which was considered to be disposable.

SECTION	TEST	RESULTS
4	General Requirements	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Points & Metallic Wires	Pass
7	Warning and Instruction for Use	
7.1	<p>General</p> <p>The toy or, its packaging or document accompanying must be labelled with:</p> <ul style="list-style-type: none"> - The name and address of the manufacturer.** - The following advisory note: “Retain for future reference”, if the information is not on the toy itself. - Warning and other information should be in the national language(s) of the countries where the toy is marketed. <p>**In the case of the toy sell in European countries, the toy, its packaging or document accompanying must be labelled with the name and address of the manufacturer and importer.</p>	See Comment
7.2	<p>Toys not intended for children under 36 months</p> <p>The item, its packaging or accompanying leaflet must be labelled with:</p> <p>The following warning “Warning! Not suitable for children under 36 months” with a brief indication of the specific hazard or correct age graphical symbol.</p> <p>The graphical age warning symbol needs to be accompanied by the word “Warning” .</p> <p>The graphical symbol was found to be incorrect (Too small) .</p>	See Comment



Test Method	Result	Requirements
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(*)Specification: BS EN 71-2: 2011 Safety of Toys – Flammability

SECTION	TEST	RESULTS
4.1	General	
	Celluloid/cellulose nitrate and materials with a same burning behaviour in fire	Pass



Test Method	Result	Requirements
Safety of Toys. Specification for Migration of Certain Elements		
BS EN 71-3 : 1995		
Acid extraction method was used and toxic elements content were determined by Inductively Coupled Plasma-ICP_OES.		
	<u>RESULT IN ppm</u>	<u>PASS/FAIL</u>
		<u>Requirement (ppm)</u>
1) Composite sample of red, yellow, white dye		
Antimony (Sb)	<2 ppm	PASS 60
Arsenic (As)	<2 ppm	PASS 25
Barium (Ba)	<2 ppm	PASS 1000
Cadmium (Cd)	<2 ppm	PASS 75
Chromium (Cr)	<5 ppm	PASS 60
Lead (Pb)	<5 ppm	PASS 90
Mercury (Hg)	<2 ppm	PASS 60
Selenium (Se)	<2 ppm	PASS 500
2) Composite sample of green, blue, black dye		
Antimony (Sb)	<2 ppm	PASS 60
Arsenic (As)	<2 ppm	PASS 25
Barium (Ba)	<2 ppm	PASS 1000
Cadmium (Cd)	<2 ppm	PASS 75
Chromium (Cr)	<5 ppm	PASS 60
Lead (Pb)	<5 ppm	PASS 90
Mercury (Hg)	<2 ppm	PASS 60
Selenium (Se)	<2 ppm	PASS 500

ppm (part per million) =mg / kg
 < =Less Than



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Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

1-Composite sample of white, red, yellow, green, black dye	
	RESULT (%, w/w)
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	RESULT (%, w/w)
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

REMARK =The Above Limit Was Quoted According To Annex XVII Items 51&52 of the REACH Regulation (EC) No.1907/2006 (Formerly known as Directive 2005/84/EC) for Phthalate Content.
 =Correction of the mass due to untreated textile components has been done

ppm (part per million) =mg / kg
 Detection Limit = DINP, DIDP: 100 ppm, Other phthalates: 10 ppm
 < =Less Than
 * =EXCEEDED LIMIT
 ND =Not Detected

COMMENT =The Phthalate Content Test Result DID NOT EXCEED The Limit Of 0.1% By Weight As Stated In European Commission Directive 2005/84/EC On 14 December 2005 Relating To Restrictions On Phthalates In Toys And Children Articles.

(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

2-Blue dye	
	<u>RESULT (%. w/w)</u>
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%. w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

REMARK =The Above Limit Was Quoted According To Annex XVII Items 51&52 of the REACH Regulation (EC) No.1907/2006 (Formerly known as Directive 2005/84/EC) for Phthalate Content.
 =Correction of the mass due to untreated textile components has been done

ppm (part per million) =mg / kg
 Detection Limit = DINP, DIDP: 100 ppm, Other phthalates: 10 ppm
 < =Less Than
 * =EXCEEDED LIMIT
 ND =Not Detected

COMMENT =The Phthalate Content Test Result DID NOT EXCEED The Limit Of 0.1% By Weight As Stated In European Commission Directive 2005/84/EC On 14 December 2005 Relating To Restrictions On Phthalates In Toys And Children Articles.

(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

3-Composite sample of white hard plastic, transparent plastic, white soft plastic	
	<u>RESULT (%, w/w)</u>
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%, w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

REMARK =The Above Limit Was Quoted According To Annex XVII Items 51&52 of the REACH Regulation (EC) No.1907/2006 (Formerly known as Directive 2005/84/EC) for Phthalate Content.
 =Correction of the mass due to untreated textile components has been done

ppm (part per million) =mg / kg
 Detection Limit = DINP, DIDP: 100 ppm, Other phthalates: 10 ppm
 < =Less Than
 * =EXCEEDED LIMIT
 ND =Not Detected

COMMENT =The Phthalate Content Test Result DID NOT EXCEED The Limit Of 0.1% By Weight As Stated In European Commission Directive 2005/84/EC On 14 December 2005 Relating To Restrictions On Phthalates In Toys And Children Articles.

(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

EN14372 :2004 Method By Gas Chromatographic- Mass Spectrometric (GC- MS) Analysis : 2004

4-Multicolor sticker	
	<u>RESULT (%, w/w)</u>
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	<u>RESULT (%, w/w)</u>
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DNOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND
SUM OF THREE PHTHALATES	ND
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

REMARK =The Above Limit Was Quoted According To Annex XVII Items 51&52 of the REACH Regulation (EC) No.1907/2006 (Formerly known as Directive 2005/84/EC) for Phthalate Content.
 =Correction of the mass due to untreated textile components has been done

ppm (part per million) =mg / kg
 Detection Limit = DINP, DIDP: 100 ppm, Other phthalates: 10 ppm
 < =Less Than
 * =EXCEEDED LIMIT
 ND =Not Detected

COMMENT =The Phthalate Content Test Result DID NOT EXCEED The Limit Of 0.1% By Weight As Stated In European Commission Directive 2005/84/EC On 14 December 2005 Relating To Restrictions On Phthalates In Toys And Children Articles.

(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
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Azo Dyestuff

By Gas Chromatographic – Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic (HPLC) Analysis.
 Test Method : BS EN 14362 - 1 : 2012 for Textile Material

- 1- Composite sample of yellow, red, green dye (without extraction)
- 2- Composite sample of blue, black, white dye (without extraction)

<30 ppm

FORBIDDEN AMINE	CAS NO	RESULT	
		1	2
4-AMINOBIHENYL	92-67-1	N	N
BENZIDINE	92-87-5	N	N
CHLORO-O-4-CHLOR-O-TOLUIDINE	95-69-2	N	N
2-NAPHTHYLAMINE	91-59-8	N	N
*O-AMINOAZOTOLUENE	97-56-3	N	N
*2-AMINO-4-NITROTOLUENE	99-55-8	N	N
P-CHLOROANILINE	106-47-8	N	N
2,4-DIAMINOANISOLE	615-05-4	N	N
4,4'-DIAMINOBIHENYLMETHANE	101-77-9	N	N
3,3'-DICHLOBENZIDINE	91-94-1	N	N
3,3'-DIMETHOXYBENZIDINE	119-90-4	N	N
3,3'-DIMETHYLBENZIDINE	119-93-7	N	N
3,3'-DIMETHYL-4,4' DIAMINOBIHENYLMETHANE	838-88-0	N	N
P-CRESIDINE	120-71-8	N	N
4,4'-METHYLENE-BIS-(2 CHLOROANILINE)	101-14-4	N	N
4,4'-OXYDIANILINE	101-80-4	N	N
4,4'-THIODIANILINE	139-65-1	N	N
O-TOLUIDINE	95-53-4	N	N
2,4-TOLUYLENDIAMINE	95-80-7	N	N
2,4,5-TRIMETHYLANILINE	137-17-7	N	N
O-ANISIDINE	90-04-0	N	N
**P-AMINOAZOBENZENE	60-09-3	N	N
2,4 XYLIDINE	95-68-1	N	N
2,6 XYLIDINE	87-62-7	N	N

NOTE:

- 1)The amines o-amino-azotoluene and 2-amino-4-nitrotoluene are detected by its splitted product o-toluidine and 2,4- toluylenediamine.
- 2)Azo colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4- phenylenediamine . The presence of these colorants can not be reliably ascertained without additional information, e.g. chemical structure of the colorant used.
- 3)According to EN 14362-1:2012, separate test is suggested to ascertain the compliance for result of mixed test in the range between 5 ppm and 30 ppm.
- 4)Azocolourants Content Requirement In Annex XVII Item 43 Of The REACH Regulation (EC) NO. 1907/2006 & Amendment No. 552/2009 and 126/2013 (Formerly Known As Directive 2002/61/EC

ppm : part per million (mg/kg)

Detection Limit: 5 ppm

< = Less Than

Total Uncertainty = ± 9%

N:Not detected



Test Method	Result	Requirements
		
		

END OF TEST REPORT