

TEST REPORT

REPORT NUMBER : TURT120037208
APPLICANT NAME Lisans Kır.Of.Ger.San.ve Tic. A.Ş.
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Attention :Okan Sivas (okansivas@gmail.com)
BUYER NOT GIVEN
SAMPLE DESCRIPTION : Two samples of finger paint set with white,black,green,yellow,red,blue paints
DATE IN : 03 April, 2012 (16:32)
DATE OUT : 10 April, 2012
FIBER COMPOSITION : Not Given
ITEM NO : Y-540-S6

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
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.

Beri SEM
COORDINATOR



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Sinan Öncel
TEXTILE LABORATORY MANAGER

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120037208

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 "Warning.Suitable for over 3 years".
 The item was tested for children aged over 36 months.
 The items 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	Point & 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 the name and address of the importer, the following advisory note: "Retain for future reference", if the information is not on the toy itself and warning and other information should be in the national language(s) of the countries where the toy is marketed.</p> <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 importing.</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 labeled with the following warning "Warning! Not suitable for children under 36 months" with a brief indication of the specific hazard.</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 same burning behaviour in fire	Pass



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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.

	RESULT IN ppm	PASS/FAIL	Requirement (ppm)
1-Composite sample of white, red, blue 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 black, green, yellow 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		

(Estimated Total uncertainty=Results quoted have been corrected for uncertainty. -)



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Azo Dyestuff

EN 14362 – 1 : 2003

Determination of Certain aromatic Amines derived from azo colorants followed by GC- MS Analysis

1- Composite sample of blue, black, yellow paints (Textile)	PASS	<30 ppm
2- Composite sample of red, green paints (Textile)	PASS	<30 ppm

INTERPRETATION OF AZO-DYES TEST RESULTS:

FORBIDDEN AMINE

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

NOTE: *The amines o-amino-azotoluene and 2-amino-4-nitrotoluene are detected by its splitted product o-toluidine and 2,4- toluylenediamine.

**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.

Remark:

1)ACCORDING TO THE OFFICIAL METHOD EN ISO/TS 17234:2003, IF 4-AMINODIIPHENYL OR 2-NAPHTHYLAMINE OR 2,4-DIAMINOANISOLE IS FOUND EXCEEDING 30 PPM, THE USE OF FORBIDDEN AZO DYESTUFF CANNOT BE ASCERTAINED WITHOUT ADDITIONAL INFORMATION eg. THE CHEMICAL STRUCTURE OF THE DYESTUFF USED.

2)AZO COLORANTS CONTENT REQUIREMENT IN ANNEX XVII ITEM 43 OF THE REACH REGULATION (EC)NO:1907/2006 FORMERLY KNOWN AS DIRECTIVE 2002/61/EC)

ppm : part per million (mg/kg)

Detection Limit: 5 ppm

< = Less Than

(Estimated Total uncertainty=±10 %)



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Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2010

EN14372 :2011 Method By Gas Chromotographic- Mass Spectrometric (GC- MS) Analysis : 2010

1- Composite sample of red, yellow, blue, green, white liquid	
	RESULT (% w/w)
DIBUTYL PHTHALATE (DBP)	<10 ppm
DIETHYL HEXYL PHTHALATE (DEHP)	<10 ppm
BENZYL BUTYL PHTHALATE (BBP)	<10 ppm
SUM OF THREE PHTHALATES	<10 ppm
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	RESULT (% w/w)
DI-ISO-NONYL PHTHALATE (DINP)	<10 ppm
DI-N-OCTYL PHTHALATE (DNOP)	<10 ppm
DI-ISO-DECYL PHTHALATE (DIDP)	<10 ppm
SUM OF THREE PHTHALATES	<10 ppm
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

ppm (part per million) =mg / kg
 Detection Limit =10 ppm
 < =Less Than
 * =EXCEEDED LIMIT

(Estimated Total uncertainty=± 5 %)



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Test Method	Result	Requirements
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TOTAL PHTHALATE CONTENT

INTERTEK IHTM AL.2.026 based on EN 14372 : 2010


EN14372 :2011 Method By Gas Chromotographic- Mass Spectrometric (GC- MS) Analysis : 2010

2- Black liquid	
	RESULT (%, w/w)
DIBUTYL PHTHALATE (DBP)	<10 ppm
DIETHYL HEXYL PHTHALATE (DEHP)	<10 ppm
BENZYL BUTYL PHTHALATE (BBP)	<10 ppm
SUM OF THREE PHTHALATES	<10 ppm
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)
	RESULT (%, w/w)
DI-ISO-NONYL PHTHALATE (DINP)	<10 ppm
DI-N-OCTYL PHTHALATE (DNOP)	<10 ppm
DI-ISO-DECYL PHTHALATE (DIDP)	<10 ppm
SUM OF THREE PHTHALATES	<10 ppm
LIMIT (MAX.)	TOTAL 0,1% (1000 ppm)

ppm (part per million) =mg / kg
 Detection Limit =10 ppm
 < =Less Than
 * =EXCEEDED LIMIT

(Estimated Total uncertainty=± 5 %)



Test Method	Result	Requirements
		

END OF TEST REPORT



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