

TEST REPORT

Job No./Report No TR769662

Date:2 June 2015

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CEREN KAĞIT VE KIRTASIYE SAN AŞ

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To the attention of Figen Toprak

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	Brush PLAY-FR0001

Client's reference No. : TR 769662
Buyer : Hardline
Order No. : Not Provided
Division : Stationery
Model/Style No. : Not Provided
Article No. : Not Provided
Age Grade : No age specified
Age Group Applied : +3
Manufacturer : Not Provided
Country of Origin : CHINA
Country of Destination : Not Provided
Shipment Date : Not Provided
Fiber Composition : Not Provided
Fabric Weight : Not Provided
End Use : Not Provided
Sample Receiving Date : 26 May 2015
Test Performing Period : 26 May 2015 ~ 2 June 2015

Overall Conclusion : PASS

Test Results : Please refer to the next page(s).

Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

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Test Parameters	Result					
	A1	A1 + A2	A2	A3	A3 + A4	A4
Chemical tests						
Phthalates	-	M	-	-	M	-
Migration of Certain Elements - Category III-By the first action test method	M	-	M	M	-	M

Test Parameters	Result
	A5
Chemical tests	
Phthalates	M
Migration of Certain Elements - Category III-By the first action test method	M

Test Parameters	Result
	A
Physical tests	
EN 71 Part 1:2011+A3:2014-Mechanical and Physical Test	M
EN 71 Part 2:2011+A1:2014-Flammability of Toys	M

Remarks	:	M = Meets client's requirement
		F = Below client's requirement
		I = Inconclusive
		* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
	The composite sampling method is based on the client's special request and is a modification from the testing standard.	
	Residual sample can be returned to client if requested.	

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The test results relate to the tested items only.
Test reports without SGS seal and authorized signatures are invalid.
Reported results do not include uncertainties.
In this Test Report tests marked (1) are included in the IAS Accreditation Scope of this Laboratory. Opinions and interpretations expressed herein are outside the scope of IAS Accreditation.

Issued in İstanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Eylem Yıldızlı
Customer Services Team Leader

Yağız Barın
Section Manager



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Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	Brush PLAY-FR0001	A1	Brush main	Plastic	Red
A	Brush PLAY-FR0001	A2	Brush main	Plastic	Green
A	Brush PLAY-FR0001	A3	Brush main	Plastic	Blue
A	Brush PLAY-FR0001	A4	Brush edge main	Plastic	Grey
A	Brush PLAY-FR0001	A5	Brush tassel	Synthetic	Beige

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Phthalates¹

Test Method:

With reference to EN 14372:2004 - Analysis by GC-MS

Component	Cas No	A1 + A2	A3 + A4	A5
Dibutyl Phthalate (DBP)	84-74-2	n.d.	n.d.	n.d.
Benzylbutyl Phthalate (BBP)	85-68-7	n.d.	n.d.	n.d.
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	n.d.	n.d.	n.d.
Total (DBP+BBP+DEHP)		n.d.	n.d.	n.d.
	Conclusion	Pass	Pass	Pass
Diisononyl Phthalate (DINP)	28553-12-0	n.d.	n.d.	n.d.
Di-n-octyl Phthalate (DNOP)	117-84-0	n.d.	n.d.	n.d.
Diisodecyl Phthalate (DIDP)	26761-40-0	n.d.	n.d.	n.d.
Total (DINP+DNOP+DIDP)		n.d.	n.d.	n.d.
	Conclusion	Pass	Pass	Pass

Note(s):

n.d. = not detected

Detection Limit =

For DBP, BBP, DEHP, DIBP and DNOP: 0,003%, For DINP, DIDP: 0,01% (for individual compound)

Recommended Max. Limit=

0,1 % for Total (DBP+BBP+DEHP) For all childcare articles
0,1 % for Total (DINP+DNOP+DIDP) For childcare articles if it can be placed in the mouth

Remark:

Recommended Max. limit specified by entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).

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European Directive 2009/48/EC-Migration of certain elements-Category III¹

Test Method: With reference to pr EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		A1	A2	A3	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Soluble Aluminium	(Al)	N.D	N.D	N.D	50	70,000
Soluble Antimony	(Sb)	N.D	N.D	N.D	10	560
Soluble Arsenic	(As)	N.D	N.D	N.D	10	47
Soluble Barium	(Ba)	N.D	N.D	N.D	50	18,750
Soluble Boron	(B)	N.D	N.D	N.D	50	15,000
Soluble Cadmium	(Cd)	N.D	N.D	N.D	10	17
Soluble Chromium	(Cr)	N.D	N.D	N.D	0.15	--
Soluble Chromium (III) [#]	(Cr (III))	NC	NC	NC	1	460
Soluble Chromium (VI) [#]	(Cr (VI))	NC	NC	NC	0.18	0.2
Soluble Cobalt	(Co)	N.D	N.D	N.D	10	130
Soluble Copper	(Cu)	N.D	N.D	N.D	50	7,700
Soluble Lead	(Pb)	N.D	N.D	N.D	10	160
Soluble Manganese	(Mn)	N.D	N.D	N.D	50	15,000
Soluble Mercury	(Hg)	N.D	N.D	N.D	10	94
Soluble Nickel	(Ni)	N.D	N.D	N.D	10	930
Soluble Selenium	(Se)	N.D	N.D	N.D	10	460
Soluble Strontium	(Sr)	N.D	N.D	N.D	50	56,000
Soluble Tin	(Sn)	N.D	N.D	N.D	4.9	180,000
Soluble Organic Tin [^]	--	NC	NC	NC	0.5	12
Soluble Zinc	(Zn)	N.D	N.D	N.D	50	46,000
	Conclusion	Pass	Pass	Pass		

- Note :
1. mg/kg = milligram per kilogram
 2. ND = Not Detected
 3. 1% = 10000 mg/kg = 10000 ppm
 4. NC=Not conducted

- [#] Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3: 2013.
- [^] Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013.

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European Directive 2009/48/EC-Migration of certain elements-Category III¹

Test Method: With reference to pr EN 71 Part 3:2013+A1:2014. Analysis was performed by ICP-MS

Test Item		A4	A5	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Soluble Aluminium	(Al)	N.D	N.D	50	70,000
Soluble Antimony	(Sb)	N.D	N.D	10	560
Soluble Arsenic	(As)	N.D	N.D	10	47
Soluble Barium	(Ba)	N.D	N.D	50	18,750
Soluble Boron	(B)	N.D	N.D	50	15,000
Soluble Cadmium	(Cd)	N.D	N.D	10	17
Soluble Chromium	(Cr)	N.D	N.D	0.15	--
Soluble Chromium (III) [#]	(Cr (III))	NC	NC	1	460
Soluble Chromium (VI) [#]	(Cr (VI))	NC	NC	0.18	0.2
Soluble Cobalt	(Co)	N.D	N.D	10	130
Soluble Copper	(Cu)	N.D	N.D	50	7,700
Soluble Lead	(Pb)	N.D	N.D	10	160
Soluble Manganese	(Mn)	N.D	N.D	50	15,000
Soluble Mercury	(Hg)	N.D	N.D	10	94
Soluble Nickel	(Ni)	N.D	N.D	10	930
Soluble Selenium	(Se)	N.D	N.D	10	460
Soluble Strontium	(Sr)	N.D	N.D	50	56,000
Soluble Tin	(Sn)	N.D	N.D	4.9	180,000
Soluble Organic Tin [^]	--	NC	NC	0.5	12
Soluble Zinc	(Zn)	N.D	N.D	50	46,000
	Conclusion	Pass	Pass		

- Note :
1. mg/kg = milligram per kilogram
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European Standard on Safety of Toys *

-Mechanical and Physical Properties¹

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN 71 PART 1:2011+A3:2014

CLAUSE	DESCRIPTION	RESULT
4	General requirements	(A)
4.1	Material(by visual assessment)	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
7	Warnings and instructions for use Remark 1 : All information should be given in the national language of country where the toy is to be sold.	(See Remark 1)
7.2	Toys not intended for children under 36 months Remark 2 :No hazard was found before and after abuse test with reference to clause 5	N/A (See Remark 2)

-Flammability of toys¹

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 2:2011

CLAUSE	DESCRIPTION	RESULT
4.1	General requirements	Pass

*Only applicable clauses were tested

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Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to the Directive 2009/48/EC – Safety of toys

Summary table

	Observation Result	Location
Washing/Cleaning instruction	N/A	N/A
CE mark	Present	Packaging
Importer's Name & Address	Absent	-
Manufacturer's Name & Address	Absent	-
Product ID	Present	Packaging

Not/ Note:

1) According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.

2) CE marking should be visible from outside the packaging and its height must be at least 5mm.

3) Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.

4) Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

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* * * End of Test Report * * *

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