

**Test Report**

No. 2306196/TY

Date : Jul 09 2010

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EDUCA BORRAS S.A.  
C/OSONA, 1-08192 ST.,  
QUIRZE DEL VALLES,  
BARCELONA, SPAIN

The following samples were submitted and identified on behalf of the client as  
MAGNETIC PUZZLE CUBE 27 PCS ROYCE ART

Style / Item No. : 27 MPC ROYCE ART  
P.O. / Ref. No. : 14060  
Buyer : JOHN N. HANSEN CO., INC.  
Manufacturer : EDUCA BORRAS S.A.  
Country of Origin : CHINA  
Country of Destination : EU  
Labeled Age Grading : + 9 YEARS  
Sample Receiving Date : JUN 30, 2010  
Testing Period : JUN 30, 2010 TO JUL 07, 2010

Test Requested : Please refer to the result summary.

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

Result Summary :

Test Requested	Conclusion
1) CPSIA section 101(f)(1) and US 16 CFR 1303 – Lead in paint/similar surface coating material	PASS
2) CPSIA section 101(a)(2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS
3) CPSIA section 108 – Phthalates	PASS

Signed for and on behalf of  
SGS Hong Kong Ltd



Lee Chi Fai, Tom  
Senior Lab Manager

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Test Results :

**1) CPSIA section 101(f)(1) and US 16 CFR 1303 – Lead in paint/similar surface coating material**

Method : CPSC Test Method: CPSC-CH-E1003-09 'Standard Operation Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings'

Test Item	Result (%)	Detection Limit (%)	Permissible Limit (%)
	1-2		
Lead (Pb)	ND	0.002	0.009
<b>Comment</b>	<b>PASS</b>	--	---

Sample Description :

- Multi-Color Coating (Puzzle)
- Multi-Color Coating on Paper Board (Box)

Note : 1. % = percentage by weight  
 2. 1% = 10000 mg/kg  
 3. ND = Not Detected

**2) CPSIA section 101(a)(2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)**

Method : CPSC-CH-E1002-08 'Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product'

Test Item	Result (%)	Detection Limit (%)	Permissible Limit (%)
	1-2		
Lead (Pb)	ND	0.002	0.030**
<b>Comment</b>	<b>PASS</b>	--	--

\*\* Comment is based on the 0.03 % limit requirement, effective 14 August, 2009. The requirements for Lead in substrate in children’s products is summarized below

Scope	Requirement	Effective date
Lead in accessible substrate	≤ 0.06 %	10 February 2009
	≤ 0.03 %	14 August 2009
	≤ 0.01%	14 August 2011

Sample Description :

- White Plastic (Puzzle)
- Transparent Plastic (Base)

Note : 1. % = percentage by weight  
 2. 1% = 10000 mg/kg  
 3. ND = Not Detected

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**3) CPSIA section 108 – Phthalates**

Method : With reference to ASTM D3421-75. Analysis was performed by Gas Chromatography / Mass Spectrometry

Test Item	Result (%)		Detection Limit (%)	Permissible Limit (%)
	1	2		
Dibutyl Phthalate (DBP)	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	ND	ND	0.003	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	0.004	0.007	0.003	0.1
Diisononyl Phthalate (DINP)	ND	ND	0.010	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	0.003	0.1
Diisodecyl Phthalate (DIDP)	ND	ND	0.010	0.1
<b>Comment</b>	PASS	PASS	--	--

Test Item	Result (%)		Detection Limit (%)	Permissible Limit (%)
	3	4		
Dibutyl Phthalate (DBP)	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	ND	ND	0.003	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	ND	--	0.010	0.1
Di-n-octyl Phthalate (DNOP)	ND	--	0.003	0.1
Diisodecyl Phthalate (DIDP)	ND	--	0.010	0.1
<b>Comment</b>	PASS	PASS	--	--

Composite Sample Description :

1. Multi-Color Coating on Paper Board (Box)
2. Multi-Color Coating (Puzzle)
3. White Plastic (Puzzle) + Transparent Plastic (Base)
4. Red Plastic (Connector) + Black Plastic (Connector)

**Note** : 1. % = percentage by weight

2. 1% = 10000 mg/kg

3. ND = Not Detected

4. -- = Not applicable as the component cannot be placed in mouth

5. Composite test has been performed as per the special request of client.

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\*\*\* End of Report \*\*\*

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