

**Test Report No. BTO 217830/1**

**Issue Date: 9<sup>th</sup> February 2016**

The following sample was submitted and identified by the client as:

**Sample Name:** 4 sided Space Saver Easel

**Sample Reference:** C1146

**Sample Description:** A four sided easel with a clear plastic tube 111x62x62 CMS.  
*(Intended for educational purposes in schools)*

**Sample Submitted:** 27<sup>th</sup> October 2016

**Testing Period:** Testing conducted between 5<sup>th</sup> January 2016 and 18<sup>th</sup> January 2016

**Assessed Age Grading:** 3 Years +

**Age Grading Applied:** 12 Months +

**Testing Required:** Although this item is not a toy SGS was requested to test for compliance with the European Standard on Safety Of Toys:

BSEN 71-2:2011+A1:2014  
BSEN71-3:2013

**Result:**  
Pass<sup>(1)</sup>  
Pass

<sup>(1)</sup> See Appendix for labelling details

**Conclusion:** The submitted samples as detailed above, complies with the requirements as listed above.

Signed for and on behalf of  
SGS United Kingdom Ltd.



Chris Walker, BSc (Hons)  
Technical Manager

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**APPENDIX A**

**BSEN 71-2:2011+A1:2014  
FLAMMABILITY OF TOYS**

**Clause:** 4.1  
**Details:** General Requirements  
(See Comment 1)

**Results:**  
Pass

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**Comment 1**

In order to comply with the requirements of this clause:

<b><u>Washing/Cleaning Label</u></b>	<b><u>See Remark</u></b>
<b>(Sub-content is extracted from the context of EN 71-1 and EN 71-2)</b>	
<p>According to Directive 2009/48/EC the following safety requirements apply regarding cleaning and washing:            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 toy must fulfil the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions.            The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.</p>	
<p><b>Remark:</b> Washing/cleaning label was not found on the item</p>	

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### Comment 2

The following good practice should be considered

In the following good practice, the guidance documents ISO/IEC Guide 37, Instructions for use of products of consumer interest and CEN/CENELEC Guide 11, Product information relevant to consumers – Guidelines for standard developers have been considered and adopted where appropriate.

#### **Good practice for visibility and legibility:**

##### a) Emphasising the warning:

- 1) emphasise warnings e.g. by placing them in a prominent position on the toy and/or its *packaging*. The prominent position does not necessarily mean the front panel of the *packaging*. Note that the age warning symbol alone (without the word "Warning") can be placed e.g. on the front of the *packaging*, provided that a complete warning (including the word "Warning") is present on another location of the *packaging*;
- 2) avoid large amounts of information;
- 3) do not mix safety information with commercial information;
- 4) the text of the warnings on the *packaging* should be conspicuous and reasonably related to the font, visibility, legibility and size of other printed matter on the *packaging*;
- 5) in multi-language text, clearly separate the individual languages, for example by a flag, spacing, country code or other means.

##### b) Contrast, background and colours:

- 1) the colour of the warning should be in sharp contrast with the colour of the background. Avoid using similar foreground and background colours such as white text on yellow background. Dark ink on bright paper or bright ink on dark paper provides good contrast;
- 2) when using the age warning symbol, ensure contrast between the red circle and the background on which the pictogram is placed;
- 3) for the background of the warning avoid strong background patterns or images that may interfere with the warning;
- 4) avoid red-green and blue-yellow colour combinations, as these may create problems for persons with colour-vision deficiency.

##### c) Reflecting surfaces and obscuring material:

- 1) avoid highly reflecting surfaces and highly reflecting glossy paper leading to poor legibility for surfaces displaying warning text. Avoid transparent *packaging* material that may obscure, blur or deform the warning text.

##### d) Font type:

- 1) preferably use sans-serif font types. Avoid the use of different font types in the warning text.

##### e) Font size:

- 1) no recommendations for a minimum font size have been set. Setting minimum recommendations might encourage the use of only the smallest specified font size. It is considered more appropriate to give recommendations on other factors that are important for the visibility and legibility of a warning text. However, it is strongly recommended that the font size is increased where possible to improve the visibility and legibility of text. Use font sizes that allow all target groups, including those with corrected vision, to read the warning and
- 2) consider using larger warning symbols than the minimum size as specified in 7.1 and 7.2.

##### f) Logical direction of text:

- 1) place the warning in the logical direction considering the lay-out of the information on the surrounding *packaging* or, if appropriate, the normal orientation of the toy."

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**APPENDIX B**
**EN71-3:2013**  
**Migration of Certain Elements**

Method: With reference to EN71-3:2013.

Analysis of general elements was performed by ICP-MS. Category (III) scraped off toy material.

**Adjusted Analytical Results: Results Quoted as mg of soluble element per Kg material.**

	Category Limits			Sample Reference	
	I	II	III	1	2
Aluminium (Al)	5625	1406	70000	<50	<50
Antimony (Sb)	45	11.3	560	<1	<1
Arsenic (As)	3.8	0.9	47	<0.15	<0.15
Barium (Ba)	1500	375	18750	<50	<50
Boron (B)	1200	300	15000	<50	<50
Cadmium (Cd)	1.3	0.3	17	<0.15	<0.15
Chromium (Cr)	-	-	-	0.06	0.03
Chromium (III) (Cr (III))	37.5	9.4	460	Not Conducted#	
Chromium(VI) (Cr (VI))	0.02	0.005	0.2	Not Conducted#	
Cobalt (Co)	10.5	2.6	130	<1	<1
Copper (Cu)	622.5	156	7700	<5	<5
Lead (Pb)	13.5	3.4	160	0.67	<0.15
Manganese (Mn)	1200	300	15000	<50	<50
Mercury (Hg)	7.5	1.9	94	<0.25	<0.25
Nickel (Ni)	75	18.8	930	<50	<50
Selenium (Se)	37.5	9.4	460	<1	<1
Strontium (Sr)	4500	1125	56000	<50	<50
Tin (Sn)	15000	3750	180000	<0.1	<0.1
Organic Tin	0.9	0.2	12	Not Conducted*	
Zinc (Zn)	3750	938	46000	<50	<50

**Results of Analysis – PASS**

Sample Ref:	Sample Description & Location	Category		
		I	II	III
1.	White plastic attachment			✓
2.	Shiny blue plastic attachment			✓

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Note : - mg/kg = milligram per kilogram  
 - 1% = 10000 mg/kg = 10000 ppm

- # Levels of Soluble Chromium (III) & Chromium (VI) were not separately determined.

The level of Soluble Chromium detected on samples did not exceed the stricter limit for Chromium (VI) as specified in EN71-3: 2013.

- ^ The level of Soluble Organic Tin was not determined.

The level of Soluble Tin, after conversion, detected on samples did not exceed the stricter limit for Organic Tin as specified in EN71-3: 2013.



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

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