

Test Report

KE/2016/C0912R1

Date : Dec 16, 2016

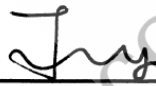
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New Prismatic Enterprise Co., Ltd.
No. 4, Alley 27, Lane 195, Yung Feng Rd., Tu-Cheng District, New Taipei City 236, Taiwan

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

Material Name	:	Thermochromic Slurry 31C Magenta
Color	:	Magenta
Style / Item No.	:	TM-SL-31-3413
Sample Submitted By	:	New Prismatic Enterprise Co., Ltd.
Sample Receiving Date	:	Dec 09, 2016
Testing Period	:	Dec 09, 2016 ~ Dec 14, 2016

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


Jerry Tung / Asst. Manager
Signed for and on behalf of
SGS Taiwan Limited



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Test Results :

EN71-3:2013+A1:2014 – Migration of certain elements

Category II: Liquid or Sticky toy material

Method : With reference to EN 71-3:2013+A1:2014. Analysis of general elements was performed by ICP-MS. Chromium III & Chromium VI were analyzed by LC-ICP-MS. Organic Tin was analyzed by GC-MS.

Test Item		Result (mg/kg)	Reporting Limit (mg/kg)	Reference Limit** (mg/kg)
		1		
Mass of trace amount	(mg)	--	--	--
Soluble Aluminium	(Al)	ND	50	1,406
Soluble Antimony	(Sb)	ND	1	11.3
Soluble Arsenic	(As)	ND	0.5	0.9
Soluble Barium	(Ba)	ND	50	375
Soluble Boron	(B)	ND	50	300
Soluble Cadmium	(Cd)	ND	0.1	0.3
Soluble Chromium (III)	(Cr (III))	ND	1	9.4
Soluble Chromium (VI)	(Cr (VI))	ND	0.005	0.005
Soluble Cobalt	(Co)	ND	0.5	2.6
Soluble Copper	(Cu)	ND	50	156
Soluble Lead	(Pb)	ND	0.5	3.4
Soluble Manganese	(Mn)	ND	50	300
Soluble Mercury	(Hg)	ND	0.5	1.9
Soluble Nickel	(Ni)	ND	10	18.8
Soluble Selenium	(Se)	ND	5	9.4
Soluble Strontium	(Sr)	ND	50	1,125
Soluble Zinc	(Zn)	ND	50	938
Soluble Tin	(Sn)	ND	0.08	3,750
Soluble Organic Tin	--	ND	--	0.2

Test Item(s)		Soluble Organic Tin Result(s) (mg/kg)	MDL (mg/kg)
		1	
Methyl tin	(MeT)	ND	0.14
Di-n-propyl tin	(DProT)	ND	0.14
Butyl tin	(BuT)	ND	0.14
Dibutyl tin	(DBT)	ND	0.14
Tributyl tin	(TBT)	ND	0.14
n-Octyl tin	(MOT)	ND	0.14
Tetrabutyl tin	(TeBT)	ND	0.14
Diphenyl tin	(DPhT)	ND	0.14
Di-n-octyl tin	(DOT)	ND	0.14
Triphenyl tin	(TPhT)	ND	0.14

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Sample Description :

1. Magenta Slurry

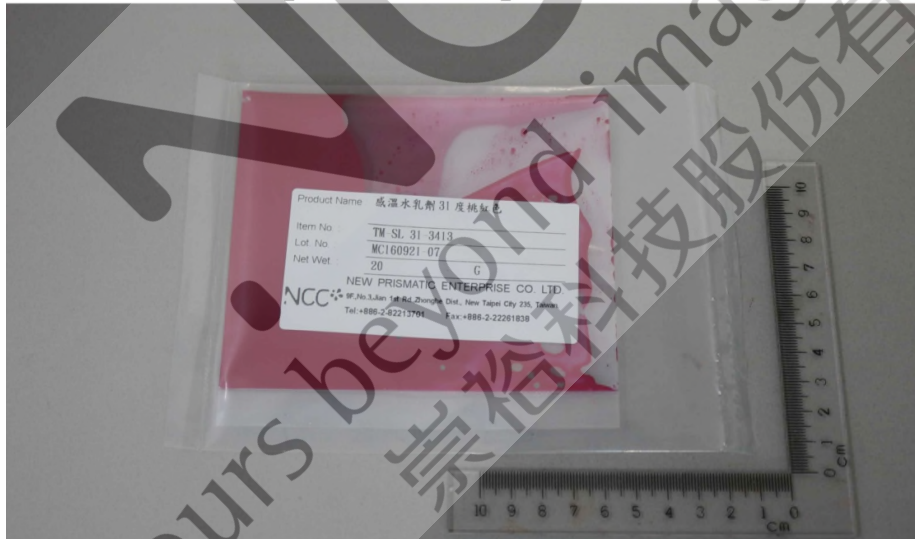
Note : - mg/kg = milligram per kilogram
 - ND = Not Detected
 - 1% = 10000 mg/kg = 10000 ppm

Remark : ** = Test requirement in the submitted sample is not applicable. The product scope that mentioned by European Directive 2009/48/EC is for toy material.

This test report replaces the original one KE/2016/C0912, The original test report KE/2016/C0912 was invalid.

Sample Photo

KE/2016/C0912



SGS authenticate the photo on original report only

*** End of Report ***