

Test Report

KE/2014/B2267

Date : Nov 27, 2014

Page 1 of 3

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	:	Photochromic MC Pigment #14 Blue
Color	:	Slight-Green
Style / Item No.	:	UV-PD 2114
Sample Submitted By	:	New Prismatic Enterprise Co., Ltd.
Sample Receiving Date	:	Nov 21, 2014
Testing Period	:	Nov 21, 2014 ~ Nov 27, 2014

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


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



Test Report

KE/2014/B2267

Date : Nov 27, 2014

Page 2 of 3

Test Results :

EN71-3:2013 – Migration of certain elements

Category III: Scrapped-off toy material

Method : With reference to EN 71-3:2013. Analysis of general elements was performed by ICP-AES. 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		
Soluble Aluminium (Al)		ND	50	70,000
Soluble Antimony (Sb)		ND	10	560
Soluble Arsenic (As)		ND	10	47
Soluble Barium (Ba)		ND	50	18,750
Soluble Boron (B)		ND	50	15,000
Soluble Cadmium (Cd)		ND	5	17
Soluble Chromium (III) (Cr (III))		ND	1	460
Soluble Chromium (VI) (Cr (VI))		ND	0.18	0.2
Soluble Cobalt (Co)		ND	10	130
Soluble Copper (Cu)		ND	50	7,700
Soluble Lead (Pb)		ND	10	160
Soluble Manganese (Mn)		ND	50	15,000
Soluble Mercury (Hg)		ND	10	94
Soluble Nickel (Ni)		ND	10	930
Soluble Selenium (Se)		ND	10	460
Soluble Strontium (Sr)		ND	50	56,000
Soluble Zinc (Zn)		ND	50	46,000
Soluble Tin (Sn)		ND	4.9	180,000
Soluble Organic Tin	--	ND	--	12

Test Item(s)	Soluble Organic Tin Result(s) (mg/kg)		MDL (mg/kg)
		1	
Methyl tin (MeT)		ND	0.5
Di-n-propyl tin (DProT)		ND	0.5
Butyl tin (BuT)		ND	0.5
Dibutyl tin (DBT)		ND	0.5
Tributyl tin (TBT)		ND	0.5
n-Octyl tin (MOT)		ND	0.5
Tetrabutyl tin (TeBT)		ND	0.5
Diphenyl tin (DPhT)		ND	0.5
Di-n-octyl tin (DOT)		ND	0.5
Triphenyl tin (TPhT)		ND	0.5

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

KE/2014/B2267

Date : Nov 27, 2014

Page 3 of 3

Sample Description :

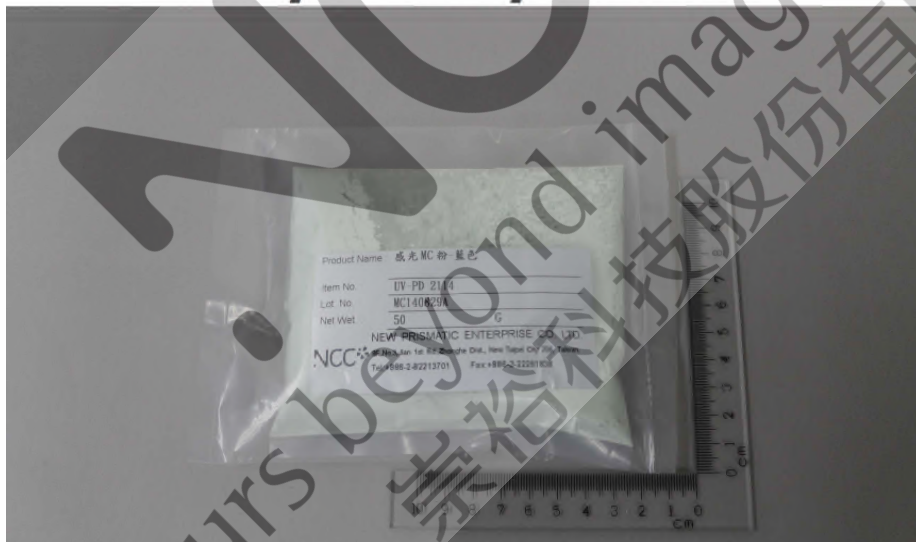
1. Photochromic MC Pigment #14 Blue

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.

Sample Photo

KE/2014/B2267



SGS authenticate the photo on original report only

*** End of Report ***