

## Test Report

No. : KA/2017/A0024 Date : 2017/10/11 Page : 1 of 4

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 by/on behalf of the client as :

Sample Description : THERMOCHROMIC SLURRY-W50-0 BLUE-1/LOW  
FORMALDEHYDE  
Style/Item No. : TM-MSL W50-0-3431-1  
Sample Receiving Date : 2017/10/02  
Testing Period : 2017/10/02 TO 2017/10/11  
Sample Submitted By : NEW PRISMATIC ENTERPRISE CO., LTD.

Test Result(s) : Please refer to next page(s).

*Ray Chang*

Ray Chang Ph.D. Manager - Techn  
Signed for and on behalf of  
SGS Taiwan Limited



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## Test Result(s)

PART NAME NO.1 : BLUE LIQUID

Test Item (s):	Unit	Method	RL	Result	Limit	
				No.1		
<b>EUROPEAN DIRECTIVE 2009/48/EC – MIGRATION OF CERTAIN ELEMENTS CATEGORY II: LIQUID OR STICKY TOY MATERIAL</b>					-	
Soluble Aluminum (Al)	mg/kg	With reference to BS EN 71-3:2013+A1:2014, Analysis was performed by ICP-MS.	50	n.d.	<1406	
Soluble Antimony (Sb)	mg/kg		1	n.d.	<11.3	
Soluble Arsenic (As)	mg/kg		0.5	n.d.	<0.9	
Soluble Barium (Ba)	mg/kg		50	n.d.	<375	
Soluble Boron (B)	mg/kg		50	n.d.	<300	
Soluble Cadmium (Cd)	mg/kg		0.1	n.d.	<0.3	
Soluble Cobalt (Co)	mg/kg		0.5	n.d.	<2.6	
Soluble Copper (Cu)	mg/kg		50	n.d.	<156	
Soluble Lead (Pb)	mg/kg		0.5	n.d.	<3.4	
Soluble Manganese (Mn)	mg/kg		50	n.d.	<300	
Soluble Mercury (Hg)	mg/kg		0.5	n.d.	<1.9	
Soluble Nickel (Ni)	mg/kg		10	n.d.	<18.8	
Soluble Selenium (Se)	mg/kg		5	n.d.	<9.4	
Soluble Strontium (Sr)	mg/kg		50	n.d.	<1125	
Soluble Tin (Sn)	mg/kg		0.08	n.d.	<3750	
Soluble Zinc (Zn)	mg/kg		50	n.d.	<938	
Soluble Chrome III (CrIII)	mg/kg		With reference to BS EN 71-3:2013+A1:2014, Analysis was performed by LC-ICP-MS.	1	n.d.	<9.4
Soluble Chrome VI (CrVI)	mg/kg			0.005	n.d.	<0.005
Soluble Organic Tin	mg/kg	With reference to BS EN 71-3:2013+A1:2014. Analysis was performed by GC-MS.	-	n.d.	<0.2	

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- Note :
1. mg/kg = ppm ; 0.1wt% = 1000ppm
  2. n.d. = Not Detected
  3. RL = Reporting Limit
  4. " - " = Not Regulated
  5. " --" = Not Conducted

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

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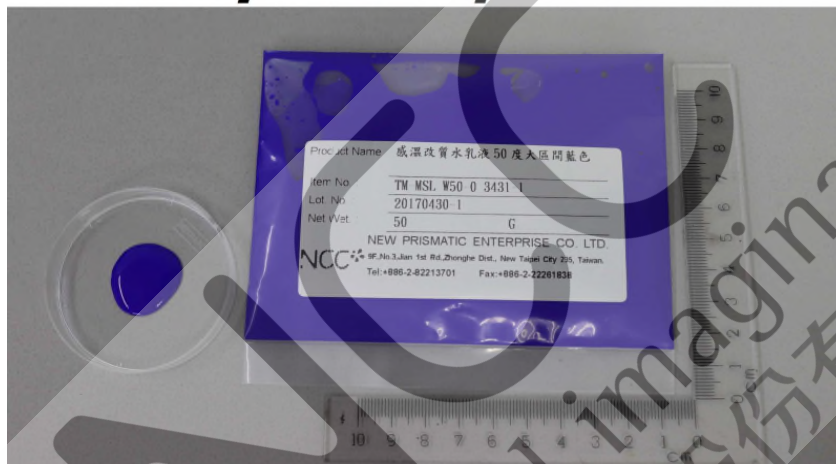
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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

## KA/2017/A0024



\*\* End of Report \*\*

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