

Test Report

No. SHAEC1705912901

Date: 05 Apr 2017

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HAOTIAN ADHESIVE PRODUCT LIMITED
NO.22 JIANSHE ROAD ZHUOZHOU HEBEI P.R.CHINA

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

SGS Job No. : SP17-010516 - SH
Date of Sample Received : 29 Mar 2017
Testing Period : 29 Mar 2017 - 05 Apr 2017
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Marry Ma
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA17-059129.001	Transparent film

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

EN71-3:2013+A1:2014 under European Directive 2009/48/EC-Migration of certain elements (Category III:for scrapped-off toy material)

Test Method : With reference to EN71-3:2013+A1:2014, analysis was performed by ICP-OES.
Soluble Organic Tin was analyzed by GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Soluble Chromium (VI) (Cr VI)	0.2	mg/kg	0.18	ND
Soluble Lead (Pb)	160	mg/kg	10	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND
Soluble Arsenic (As)	47	mg/kg	10	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND
Soluble Selenium (Se)	460	mg/kg	10	ND
Soluble Boron (B)	15000	mg/kg	50	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND
^Methyl tin (MeT)	-	mg/kg	0.5	ND
^Di-n-propyl tin (DProT)	-	mg/kg	0.5	ND



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Test Item(s)	Limit	Unit	MDL	001
^Dibutyl tin (DBT)	-	mg/kg	0.5	ND
^Tributyl tin (TBT)	-	mg/kg	0.5	ND
^n-Octyl tin (MOT)	-	mg/kg	0.5	ND
^Tetrabutyl tin (TeBT)	-	mg/kg	0.5	ND
^Diphenyl tin (DPhT)	-	mg/kg	0.5	ND
^Di-n-octyl tin (DOT)	-	mg/kg	0.5	ND
^Triphenyl tin (TPhT)	-	mg/kg	0.5	ND
^Butyl tin(BuT)	-	mg/kg	0.5	ND
Sum of Soluble Organic Tin	12	mg/kg	-	ND

Notes :

- (1) Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3:2013+A1:2014.
- (2) ^ means the Organic Tin specified in EN71-3:2013+A1:2014 and it is analyzed by GC-MS

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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