

Test Report

No. SHAEC1704585912

Date: 24 Mar 2017

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CHANGZHOU HUISU QINYE IMPORT & EXPORT CO.,LTD

JIANGSU CHANGZHOU HENGSHANIAO

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

SGS Job No. : SP17-008337 - SH
Date of Sample Received : 15 Mar 2017
Testing Period : 15 Mar 2017 - 22 Mar 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	SHA17-045859.003	Transparent film

Remarks :

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

Phthalates

Test Method : With reference to EN 14372:2004, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>003</u>
Dibutyl Phthalate (DBP)	84-74-2	%	0.003	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	%	0.003	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	%	0.01	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	%	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	%	0.01	ND
Dimethyl Phthalate (DMP)	131-11-3	%	0.003	ND
Diethyl Phthalate (DEP)	84-66-2	%	0.003	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.003	ND
Di-n-pentyl Phthalates (DnPP)	131-18-0	%	0.003	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	%	0.003	ND
Diphenyl Phthalate (DPhP)	84-62-8	%	0.003	ND
Dibenzyl Phthalate (DBzP)	523-31-9	%	0.003	ND
Diisooctyl Phthalate (DiOP)	27554-26-3	%	0.01	ND
Dipropyl Phthalate (DPrP)	131-16-8	%	0.003	ND
Dinonyl Phthalate (DNP)	84-76-4	%	0.003	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	%	0.003	ND
1,2-Benzenedicarboxylic, dihexylester, branched and linear (DHP)	68515-50-4	%	0.01	ND
Bis(2-methoxyethyl) Phthalate (DMEP)	117-82-8	%	0.003	ND



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Test Item(s)	CAS NO.	Unit	MDL	003
Diallyl Phthalate (DAP)	131-17-9	%	0.003	ND
Di-n-decyl Phthalate (DnDP)	84-77-5	%	0.003	ND
Diisopentylphthalate (DIPP)	605-50-5	%	0.003	ND
Diundecyl Phthalate (DUP,DUDP)	3648-20-2	%	0.003	ND
n-decyl, n-octyl Phthalate (nDnOP)	119-07-3	%	0.003	ND
N-Pentyl-isopentylphthalate (nPiPP)	776297-69-9	%	0.003	ND
Diheptyl phthalate(DHPP)	3648-21-3	%	0.003	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%	0.01	ND
Diisoheptyl phthalate (DIHP)	71888-89-6	%	0.01	ND
Bis (2-ethoxyethyl) Phthalate(DEEP)	605-54-9	%	0.003	ND
Bis (4-methyl-2-pentyl) Phthalate(BMPP)	146-50-9	%	0.003	ND
Bis (2-n-butoxyethyl) Phthalate(DBEP)	117-83-9	%	0.003	ND
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	%	0.01	ND
Di(2-propylheptyl) Phthalate (DPPH)	53306-54-0	%	0.01	ND
Ditridecyl Phthalate (DTDP)	119-06-2	%	0.003	ND
Di(2-ethyhexy)adipate(DEHA)	103-23-1	%	0.003	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters;	68515-51-5,	%	0.01	ND
1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68648-93-1			

Notes :

- (1) DBP,BBP,DEHP Reference information: Entry 51 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC):
- i) Shall not be used as substances or in mixtures, in concentrations greater than 0,1 % by weight of the plasticised material, in toys and childcare articles.
 - ii) Toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.
- Please refer to Regulation (EC) No 552/2009 to get more detail information
- DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).
- i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.
 - ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.
- Please refer to Regulation (EC) No 552/2009 to get more detail information

Remark: The test results are taken from report SHAEC1704585907.



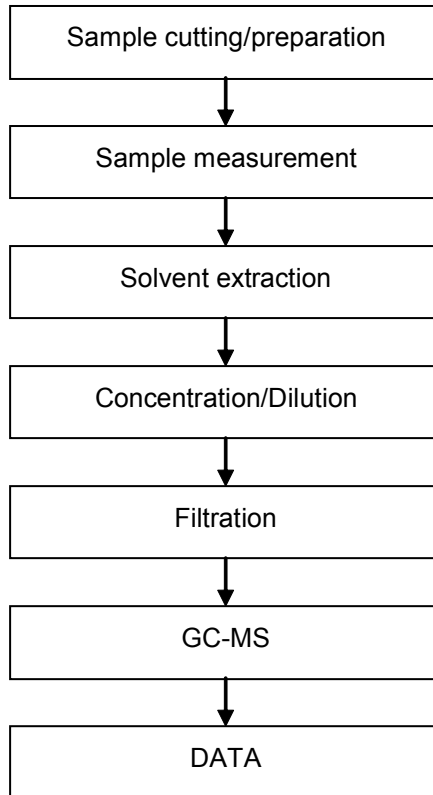
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ATTACHMENTS

Phthalates Testing Flow Chart

- 1) Name of the person who made testing: Sherlock Gao
- 2) Name of the person in charge of testing: Jessy Huang



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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