



Test Report

No.: GZ0810148880A/CHEM

Date: NOV 03, 2008

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GUANGZHOU PLATO PLASTIC CO., LTD
DAYUAN VILLAGE HENGLI TOWN NANSHA DISTRICT GUANGZHOU CITY GUANGDONG CHINA

This report is to supersede test report GZ0810148880/CHEM

The following sample(s) was/were submitted and identified on behalf of the applicant as 18oz PVC TARPAULIN

SGS Job No. : GC081003915
Buyer : HAPPY JUMP
Manufacturer : GUANGZHOU PLATO PLASTIC CO., LTD
Date of Sample Received : OCT 22, 2008
Testing Period : OCT 22, 2008 TO OCT 28, 2008

Test Requested : Selected test (s) as requested by client.

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

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

Signed for and on behalf of
SGS-CSTC Ltd.

Huang Fang, Sunny
Sr. Engineer

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Test Results:

Description for specimen 1: Blue plastic sheet

ASTM F 963-07^{e1} (Clause 4.3.5)

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Total Lead (Pb)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.2), ICP-OES	N.D.	20	600
Soluble Lead (Pb)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.3), ICP-OES	N.D.	5	90
Soluble Antimony (Sb)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.3), ICP-OES	2	2	60
Soluble Arsenic (As)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.3), ICP-OES	N.D.	2	25
Soluble Barium (Ba)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.3), ICP-OES	13	5	1000
Soluble Cadmium (Cd)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.3), ICP-OES	N.D.	5	75
Soluble Chromium (Cr)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.3), ICP-OES	N.D.	5	60
Soluble Mercury (Hg)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.3), ICP-OES	N.D.	2	60
Soluble Selenium (Se)	mg/kg	ASTM F 963-07 ^{e1} (Clause 8.3), ICP-OES	N.D.	5	500

Note:

1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. Results of soluble elements shown are of the adjusted analytical results.

Phthalate(s)

Test Item(s)	Unit	Test Method (Reference)	Result	MDL
Dibutyl Phthalate (DBP)	%(w/w)	EN14372: 2004, GC-MS	N.D.	0.003
Benzylbutyl Phthalate (BBP)	%(w/w)	EN14372: 2004, GC-MS	N.D.	0.003
Di-(2-ethylhexyl) Phthalate (DEHP)	%(w/w)	EN14372: 2004, GC-MS	N.D.	0.003

Note :

1. mg/kg = ppm, 0.1% = 1000ppm
2. N.D. = Not detected (< MDL)
3. MDL= Method Detection Limit

Reference Information:

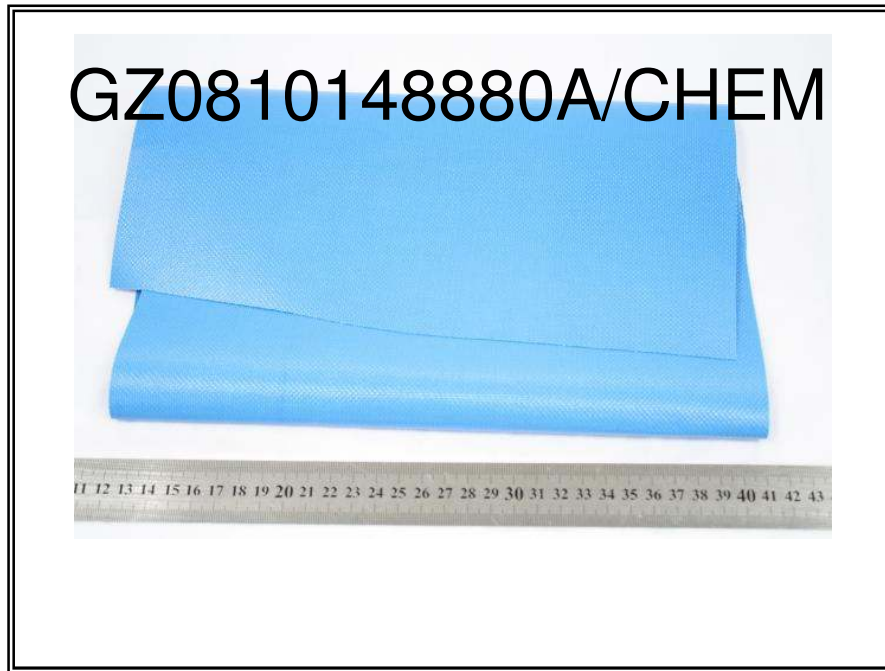
According to EU Directive 2005/84/EC,

- (1) The phthalates DEHP, DBP, BBP shall not be used as substances or as constituents of preparation, at concentrations of greater than 0.1% by mass of plasticized material, in toys and childcare articles.
- (2) The phthalates DINP, DIDP, DNOP shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1% by mass of the plasticized materials, in toys and childcare articles which can be placed in the mouth by children.

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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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