

MINSEO CO., LTD.

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 Korea

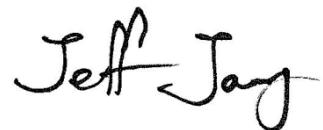
The following sample(s) was/were submitted and identified by/on behalf of the client as:-

SGS File No.	: AYHA17-04944
Sample Description	: PRINTABLE PU
Style no./Item no.	: COL-01
Order No.	: -
Buyer	: -
Manufacturer	: MINSEO CO., LTD.
Country of Origin	: KOREA
Country of Destination	: -
Received Date	: 2017. 05. 22
Test Period	: 2017. 05. 22 to 2017. 05. 25
Test Method	: For further details, please refer to following page (s)
Test Results	: For further details, please refer to following page (s)
Test Requested	: As specified by client, selected parts of the submitted sample(s) for compliance with Public Law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA):- 1) Lead in accessible substrate materials 2) Phthalates
Result Summary	:

<u>Item</u>	<u>Test Parameter</u>	<u>Conclusion</u>
1	CPSIA section 101(a)(2) – Lead in accessible substrate materials	PASS
2	CPSIA section 108 – Phthalates	PASS

Remark : Test results in this report are applicable for the item tested and reflects the tested sample as received.

SGS Korea Co., Ltd



Jeff Jang / Chemical Lab Mgr

Result(s)
1) Lead in accessible substrate materials

Method (non-metallic materials): CPSC Test Method: CPSC-CH-E1002-08.1. Analysis was performed by ICP-OES.

Test Items	MDL	Result(s)	Permissible Limit
		<u>1</u>	
Lead (Pb)	0.002%	ND	0.01 %
Conclusion	-	PASS	-

Sample Description:

1. White PU

- Note: (1) ND = not detected (< MDL)
 (2) MDL = Method Detection Limit
 (3) % = percentage by weight

2) Phthalates

Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by GC-MS.

Concentration of phthalates in components of toy that can be placed in the mouth or childcare article

Test item	CAS No.	MDL	Result(s)	Permissible Limit
			<u>1</u>	
Dibutyl Phthalate (DBP)	84-74-2	0.005 %	ND	0.1 %
Benzylbutyl Phthalate (BBP)	85-68-7	0.005 %	ND	0.1 %
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	0.005 %	ND	0.1 %
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	0.005 %	ND	0.1 %
Di-n-octyl Phthalate (DNOP)	117-84-0	0.005 %	ND	0.1 %
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	0.005 %	ND	0.1 %
Conclusion	-	-	PASS	-

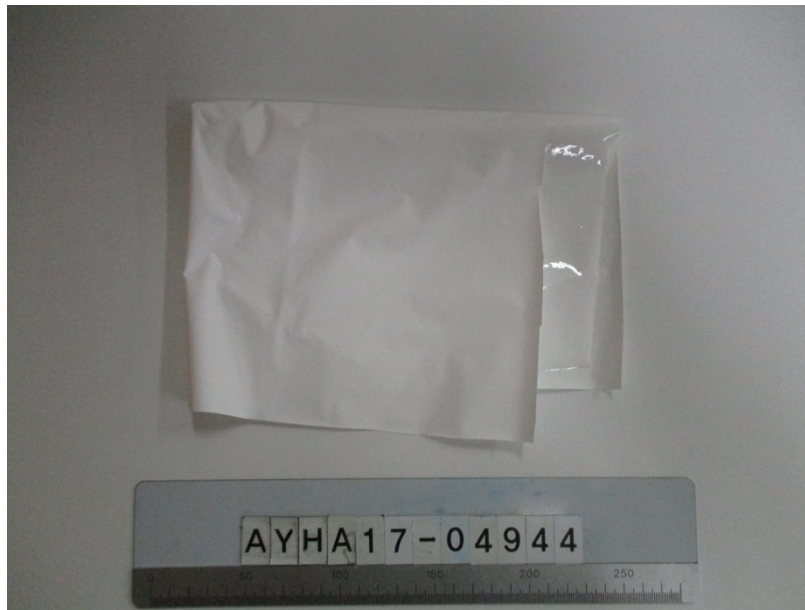
Sample Description:

1. White PU

- Note: (1) ND = not detected (< MDL)
 (2) MDL = Method Detection Limit
 (3) % = percentage by weight
 (4) 1% = 10000ppm (mg/kg)

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Picture of Sample as Received :



*** End of Report ***

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