

# TEST REPORT

Mechanical & Hardgoods Lab

Report No : HY/2009/70221

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Date : 2009/10/08

**REMO, Inc. (c / o REMO Asia Inc.)**

28101 Industry Drive,  
Valencia, California 91355, USA

**The following merchandise was submitted & identified by the applicant as:**

Type of Product: Lollipop-Drum, 6-8-10" OD  
Style/Item No: ET-7106 & 7108 & 7110-00  
Manufacturer/Vendor: REMO China  
Country of Origin: China, P. R.  
Sample Receiving Date: 2009/01/14 & 2009/07/09  
Testing Period: 2009/01/15 – 02/26 & 2009/07/10 – 10/07

**We have tested the submitted sample(s) as requested and the following results were obtained:**

**Test Requested**

For compliance with lead in paint/similar surface coating material, lead in accessible substrate materials and phthalates content in US Public Law 110-314 (HR 4040 ‘Consumer Product Safety Improvement Act of 2008’).

**Test Results**

- Please refer to next page(s).

**Results summary**

Test item	Result
Lead in paint / similar surface coating material	PASS
Lead in accessible substrate materials	PASS
Phthalates	PASS

**Overall Conclusion**

The submitted samples **comply with** the requested test requirements.

\* This report is combined with report of HY/2009/10283 \*

Signed for and on behalf of  
SGS Taiwan Ltd.

Iris Huang  
Supervisor

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### Test Results:

1) Lead in paint / similar surface coating material

Method: With reference to ASTM E1613 and E1645

<u>Test item</u>	<u>1</u>	<u>Permissible Limit**</u>
Lead (Pb)	19	90
<b>Conclusion</b>	<b>PASS</b>	---

\*\* Conclusion is based on the 90ppm limit requirement, effective 14 August, 2009. The current permissible limit is no more than 600ppm

### Sample Description:

1. Black coating of sample.

Note:

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. ND = not detected
3. Method Detection Limit = 2ppm

2) (i)Lead in accessible substrate materials - Metal

Method: With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES

<u>Test item</u>	<u>1</u>	<u>Permissible Limit**</u>
Lead (Pb)	N.D.	300
<b>Conclusion</b>	<b>PASS</b>	---

### Sample Description:

1. Black metal of sample.(wooden screw)

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(ii)Lead in accessible substrate materials -Other

Method: With reference to US EPA Method 3052 for Lead Content. Analysis was performed by ICP-AES

<u>Test item</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Permissible Limit**</u>
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	300
<b>Conclusion</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

Sample Description:

1. Red soft plastic of sample.(cap)
2. Transparent plastic sticker of sample.
3. Red string of sample.
4. Transparent plastic film of sample.
5. Multicolored printing paper of sample.

\*\* Conclusion is based on the 300ppm limit requirement, effective 14 August, 2009. The requirements for lead in substrate in children's products is summarised below

<b>Scope</b>	<b>Requirement</b>	<b>Effective date</b>
Lead in substrate other than paint / similar surface coating material	≤ 600ppm	10 February 2009
	≤ 300ppm	14 August 2009
	≤ 100ppm	14 August 2011

- Note:
1. mg/kg = ppm; 0.1% = 1000ppm
  2. ND = not detected
  3. Method Detection Limit = 2ppm

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### 3) Phthalates

Method: With reference to ASTM D3421-75. Analysis was performed by Gas Chromatography / Mass Spectrometry.

#### Toys and childcare articles

<u>Test item</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Permissible Limit</u>
Dibutyl Phthalate (DBP)	N.D.	0.091	N.D.	N.D.	N.D.	0.1%
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.	0.1%
Bis-(2-ethylhexyl)Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.	0.1%
<b>Conclusion</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

<u>Test item</u>	<u>6</u>	<u>Permissible Limit</u>
Dibutyl Phthalate (DBP)	N.D.	0.1%
Benzylbutyl Phthalate (BBP)	N.D.	0.1%
Bis-(2-ethylhexyl)Phthalate (DEHP)	N.D.	0.1%
<b>Conclusion</b>	<b>PASS</b>	---

#### Toys that can be placed in the mouth and childcare articles

<u>Test item</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>Permissible Limit</u>
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	N.D.	0.1%
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	N.D.	0.1%
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	N.D.	0.1%
<b>Conclusion</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

<u>Test item</u>	<u>6</u>	<u>Permissible Limit</u>
Diisononyl Phthalate (DINP)	N.D.	0.1%
Di-n-octyl Phthalate (DNOP)	N.D.	0.1%
Diisodecyl Phthalate (DIDP)	N.D.	0.1%
<b>Conclusion</b>	<b>PASS</b>	---

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Sample Description:

1. Red soft plastic of sample.(cap)
2. Multicolored printing paper sticker with adhesive of sample.
3. Red string of sample.
4. Transparent plastic film of sample.
5. Multicolored printing paper of sample.
6. Black coating of sample.

## Note:

1. % = percentage by weight
2. ND = not detected
3. Method Detection Limit for each of DBP, BBP, DEHP and DNOP = 0.003%
4. Method Detection Limit for each of DINP and DIDP = 0.01%
5. Effective Date = 10 February 2009

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Sample picture (As received)



\*\* End of Report \*\*

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