

Test Report No.: 143092238a 001

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Client: **JOHN N. HANSEN CO., INC.**
369 Adrian Road, Millbrae, CA 94030-3104, U.S.A.

Test item: Toy

Identification/ Model No(s): SP100 SWITCH PITCH

Receipt No.: 00090527193; Sample Receiving date: 27 May 2009;
00090608166 08 Jun. 2009

Delivery condition: Apparent good, Samples tested as received

Test specification:

Test result:

- | | |
|--|------|
| 1. ASTM F963-08: Mechanical and physical | PASS |
| 2. ASTM F963-08: Flammability | PASS |
| 3. ASTM F963-08: Total lead content | PASS |
| 4. ASTM F963-08: Soluble heavy metal | PASS |
| 5. CPSIA Sect 101: Total lead content | PASS |
| 6. CPSIA Sect 108: Phthalates | PASS |
| 7. CPSIA Sect 103: Tracking label | PASS |

Other Information:

Country of Origin: China

Country of Destination: U.S.A.

Appropriate age grading for testing: For ages over 3 years

Checked by:

Reviewed by:

19 Jun. 2009

Date

Gary Siu/
Assistant Project Manager
Name/Position

19 Jun. 2009

Date

San Ho/
Assistant Manager
Name/Position

Test result is drawn according to the kind and extent of tests performed.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

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Material list:

Material No.	Material	Color	Location
1	coating	multicolour of white/ purple/ red	logo on ball surface
2	coating	grey/ red	logo on ball surface
3	plastic	white	ball surface
4	plastic	grey	ball surface
5	plastic	light green	ball surface
6	plastic	orange	ball surface
7	plastic	dark blue	ball surface
8	plastic	light blue	ball surface
9	plastic	hot pink	ball surface
10	plastic	blue	ball surface
11	plastic	yellow	ball surface
12	plastic	light blue	support inside ball
13	plastic	grey	support inside ball

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ASTM F963-08 : Mechanical and physical

Testing period: 05 Jun. 2009 – 09 Jun. 2009

4.	Safety requirements	
4.1	Material Quality (visual check)	pass
4.7	Accessible edges	pass
4.9	Accessible points	pass
4.11	Nails and fasteners	pass
5	Labeling requirements	
5.2	Age grading labeling	pass
7	Producer's markings	
7.1	Name and address of the producer or the distributor	pass

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ASTM F963-08 : Flammability

Testing period: 05 Jun. 2009 – 09 Jun. 2009

4.2 Safety requirements	pass
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(1) Materials other than textiles

The burning rate of the most severe part = IBE

Note: Maximum permissible burning rate = 0.1 Inch/sec.

Abbreviation: IBE denotes Ignite But Self-extinguish

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ASTM F963-08 : Paint and similar surface-coating materials
CPSIA Sect 101 : Total lead content

Testing period: 05 Jun. 2009 – 11 Jan. 2009

ASTM F963-08 Sect 4.3.5	Paint and similar surface-coating materials	pass
CPSIA Sect 101	Total lead content	pass

(1) Total lead content (including "Paint and similar surface-coating materials" and "Accessible materials")

Test method: Determination of total lead content (hot plate method, with ref. to EPA 3050B, microwave assisted digestion method) (QMA 36.035.05 HKG)

Coating is scraped off for testing regardless of the amount with results calculated based on the actual sample weight

Test result:

Test No.	Material No.	Lead content (mg/kg)
1	1	<10
2	2	<10
3	3	<10
4	4	<10
5	5	<10
6	6	<10
7	7	<10
8	8	<10
9	9	<10
10	10	<10
11	11	<10
12	12	<10
13	13	<10

Abbreviation: < denotes less than

Remark: According to Consumer Product Safety Improvement Act (HR 4040) which has been signed into law on 14 Aug 2008:

Effective Date	Lead content limit
180 days after enactment/10 Feb 2009	600 ppm
1 year after enactment/14 Aug 2009	300 ppm
3 years after enactment/14 Aug 2011	100 ppm
Effective Date	Lead in paint limit
1 year after enactment/ 14 Aug 2009	90 ppm (existing limit is 600 ppm)

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(2) Soluble heavy metal content

Test method: Determination of heavy metal on paint and similar surface coating material according to ASTM F963-08 (QMA 36.035.25 HKG)

This requirement applies to the coating which can be scraped off and the sample weight is greater than 10 mg

Test result:

Test No.	Material No.	(mg/kg)							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
		Limit							
		60	25	1000	75	60	90	60	500
1(*1)	1	-	-	-	-	-	-	-	-
2(*1)	2	-	-	-	-	-	-	-	-

Abbreviation: < denotes less than

Remark: *1 The weight of test portion available was less than 10 mg, the test for soluble heavy metal content was not performed

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CPSIA Sect 108 : Phthalates

Testing period: 05 Jun. 2009 – 12 Jun. 2009

CPSIA Sect 108	Phthalates	pass
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Test method: Organic solvent extraction, analyzed by GCMS (QMA 36.035.13 HKG)

Test result:

	Test No.	1	2	3	4
	Material No.	1	2	3	4
Dibutyl phthalate (DBP)	%	<0.005	<0.005	<0.005	<0.005
Butyl benzyl phthalate (BBP)	%	<0.005	<0.005	<0.005	<0.005
Di-2-ethylhexyl phthalate (DEHP)	%	<0.005	<0.005	<0.005	<0.005
Di-n-octyl phthalate (DNOP)	%	<0.005	<0.005	<0.005	<0.005
Di-iso-decyl phthalate (DIDP)	%	<0.005	<0.005	<0.005	<0.005
Di-iso-nonyl phthalate (DINP)	%	<0.005	<0.005	<0.005	<0.005

	Test No.	5	6	7	8
	Material No.	5	6	7	8
Dibutyl phthalate (DBP)	%	<0.005	<0.005	<0.005	<0.005
Butyl benzyl phthalate (BBP)	%	<0.005	<0.005	<0.005	<0.005
Di-2-ethylhexyl phthalate (DEHP)	%	<0.005	<0.005	<0.005	<0.005
Di-n-octyl phthalate (DNOP)	%	<0.005	<0.005	<0.005	<0.005
Di-iso-decyl phthalate (DIDP)	%	<0.005	<0.005	<0.005	<0.005
Di-iso-nonyl phthalate (DINP)	%	<0.005	<0.005	<0.005	<0.005

	Test No.	9	10	11	12
	Material No.	9	10	11	12
Dibutyl phthalate (DBP)	%	<0.005	<0.005	<0.005	<0.005
Butyl benzyl phthalate (BBP)	%	<0.005	<0.005	<0.005	<0.005
Di-2-ethylhexyl phthalate (DEHP)	%	<0.005	<0.005	<0.005	<0.005
Di-n-octyl phthalate (DNOP)	%	<0.005	<0.005	<0.005	<0.005
Di-iso-decyl phthalate (DIDP)	%	<0.005	<0.005	<0.005	<0.005
Di-iso-nonyl phthalate (DINP)	%	<0.005	<0.005	<0.005	<0.005

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	Test No.	13
	Material No.	13
Dibutyl phthalate (DBP)	%	<0.005
Butyl benzyl phthalate (BBP)	%	<0.005
Di-2-ethylhexyl phthalate (DEHP)	%	<0.005
Di-n-octyl phthalate (DNOP)	%	<0.005
Di-iso-decyl phthalate (DIDP)	%	<0.005
Di-iso-nonyl phthalate (DINP)	%	<0.005

Abbreviation: < denotes less than
n.d. denotes not detect

- Remark: *1 Single components with an amount of <0.005% were not considered by the calculation of the sum. In the case which phthalates were not detected, the result is stated "n.d."
- *2 Requirement according to Consumer Product Safety Improvement Act (HR 4040), which are signed by the President on 14 Aug 2008, are summarized below:

Date of Implementation	Parameter	Unit	Maximum Allowable Limit
180 days after the date of enactment/10 Feb 2009	Any children's toy or childcare article:		
	Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP) or Di-2-ethylhexyl phthalate (DEHP)	%	<0.1
	Any children's toy that can be placed in a child's mouth or childcare article:		
	Di-n-octyl phthalate (DNOP), Di-iso-decyl phthalate (DIDP) or Di-iso-nonyl phthalate (DINP)	%	<0.1

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CPSIA Sect 103 : Tracking label

Testing period: 05 Jun. 2009 – 09 Jun. 2009

General (Effective on 14 Aug 2009)

pass(*)

Remark: * The manufacturer/trader/applicant has confirmed that the above information marked (*) will be shown onto the packaging or instruction sheet and its toy itself.

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Sample photo:



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