



**TEST REPORT**

NUMBER: SZHH0033845001

APPLICANT: NIRVE SPORTS LTD  
THE REN MING ROAD LONG HUA TWON  
BAO AN AREA SHEN ZHEN CITY, CHINA

DATE: Jan 19, 2009

ATTN: MISHELL TANG

**SAMPLE DESCRIPTION:**

ONE (1) SUBMITTED SAMPLE SAID TO BE :  
ITEM NAME : **NIRVE 16" BICYCLE.**  
MODEL NO. : **1438.**  
MANUFACTURER : **OVERLORD.**  
COUNTRY OF ORIGIN : **CHINA.**

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**TESTS CONDUCTED:**

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

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**CONCLUSION:**

<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
COATINGS OF SUBMITTED SAMPLE	U.S. CODE OF FEDERAL REGULATIONS TITLE 16 CFR 1303 FOR TOTAL LEAD CONTENT IN SURFACE COATING	PASS
	U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 101 FOR TOTAL LEAD CONTENT IN SURFACE COATING	PASS
TESTED COMPONENTS OF SUBMITTED SAMPLE	U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 101 FOR TOTAL LEAD CONTENT IN NON-SURFACE COATING MATERIALS	PASS

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TO BE CONTINUED

AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
SHENZHEN LTD.

BEN N.L. LIN  
GENERAL MANAGER



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CONCLUSION:

<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
TESTED COMPONENTS OF SUBMITTED SAMPLE	U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R.4040)TITLE I, SEC 108 REQUIREMENT ON PHTHALATE	PASS

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AS REQUESTED BY THE APPLICANT, PHTHALATE TEST WAS CONDUCTED ONLY ON COMPONENTS LISTED IN THIS REPORT. OTHER COMPONENTS WERE NOT TESTED. HOWEVER, ACCORDING TO CPSIA FAQ, THE PROHIBITION OF PHTHALATE CONTENT UNDER CPSIA APPLIES TO ALL PARTS OF A PRODUCT.

AS REQUESTED BY THE APPLICANT, TOTAL LEAD CONTENT TEST WAS CONDUCTED ONLY ON COMPONENTS LISTED IN THIS REPORT.

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TESTS CONDUCTED

1 TOTAL LEAD (Pb) CONTENT IN SURFACE COATING

AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 CFR 1303 AND U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040), TITLE I, SECTION 101 FOR CHILDREN'S PRODUCTS CONTAINING LEAD, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>
(1)	<10
(2)	<10
(3)	<10
(4)	<10
(5)	<10

REQUIREMENT

0.06% (600 ppm) ON OR BEFORE 14 AUG, 2009  
0.009% (90 ppm) AFTER 14 AUG, 2009

ppm = PARTS PER MILLION  
< = LESS THAN

TESTED COMPONENTS :

- (1) LACQUER WITH BASE COATINGS (PINK, WHITE) ON METAL (FRAME).
- (2) LACQUER WITH BASE COATINGS (YELLOW, WHITE) ON METAL (HANDLEBAR, RIM).
- (3) WHITE COATING ON METAL (CHAINWHEEL SET, TRAINING WHEELS).
- (4) WHITE WITH BLACK BASE COATING ON METAL (BELL).
- (5) BLACK COATING ON METAL (SEAT SUPPORT).

DATE SAMPLE RECEIVED : NOV 19, 2008, DEC 02, 2008 & DEC 11, 2008  
TESTING PERIOD : NOV 19, 2008 TO DEC 11, 2008 & DEC 13, 2008 TO JAN 12, 2009

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**TEST REPORT**

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TESTS CONDUCTED

2 TOTAL LEAD (Pb) CONTENT IN NON-SURFACE COATING MATERIALS

AS PER U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040), TITLE I, SECTION 101 FOR CHILDREN'S PRODUCTS CONTAINING LEAD, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>
(1)	<10
(2)	<10
(3)	<10
(4)	<10
(5)	<10
(6)	<10
(7)	<10
(8)	<10
(9)	<10
(10)	<10
(11)	<10
(12)	<10
(13)	<10
(14)	<10
(15)	<10
(16)	<10
(17)	<10
(18)	26
(19)	47
(20)	<10
(21)	<10
(22)	<10
(23)	<10
(24)	<10
(25)	<10
(26)	<10
(27)	<10
(28)	<10
(29)	<10
(30)	<10
(31)	<10
(32)	<10
(33)	<10
(34)	<10
(35)	<10
(36)	<10
(37)	<10
(38)	<10
(39)	<10
(40)	<10
(41)	<10
(42)	<10
(43)	<10
(44)	<10
(45)	<10
(46)	<10

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<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>
(47)	<10
(48)	<10
(49)	<10
(50)	<10
(51)	<10
(52)	<10
(53)	<10
(54)	<10
(55)	<10
(56)	<10
(57)	<10
(58)	<10
(59)	<10
(60)	<10
(61)	<10
(62)	<10
(63)	<10
(64)	<10
(65)	<10
(66)	<10
(67)	<10
(68)	<10
(69)	<10
(70)	<10
(71)	<10
(72)	<10
(73)	<10
(74)	<10
(75)	<10
(76)	<10
(77)	<10
(78)	<10
(79)	<10
(80)	<10
(81)	<10
(82)	<10
(83)	<10
(84)	<10
(85)	<10
(86)	<10
(87)	<10
(88)	<10
(89)	<10
(90)	<10
(91)	<10
(92)	<10
(93)	<10
(94)	<10
(95)	<10
(96)	<10
(97)	<10
(98)	<10
(99)	<10

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NUMBER: SZHH0033845001

TESTS CONDUCTED

REQUIREMENT

600 ppm AFTER 10 FEB, 2009  
300 ppm AFTER 14 AUG, 2009  
100 ppm AFTER 14 AUG, 2011

REMARK :

ppm = PARTS PER MILLION  
< = LESS THAN

TESTED COMPONENTS :

- (1) SILVER COLOR PLATED METAL (BOLT ON LINKING BAR OF REAR AXLE AND CHAIN STAY).
- (2) SILVER COLOR PLATED METAL (NUT ON LINKING BAR OF REAR AXLE AND CHAIN STAY).
- (3) SILVER COLOR PLATED METAL (CAP OF REAR HUB).
- (4) SILVER COLOR PLATED METAL (SPACER OF REAR AXLE).
- (5) DARK BLUE PLASTIC (WASHER ON NUT OF TRAINING WHEELS).
- (6) TRANSPARENT PLASTIC SHEET BACKED WITH DULL WHITE FOAM AND INACCESSIBLE COATINGS (SADDLE SURFACE)
- (7) BLACK PLASTIC (SADDLE PAN).
- (8) PURPLE KNIT BACKED WITH BLACK FOAM (GRIP COVER).
- (9) BLACK FOAM (GRIP).
- (10) DULL BLACK PLASTIC (BASE OF BELL).
- (11) BLACK PLASTIC (BRACKET OF REFLECTORS).
- (12) BRIGHT BLACK PLASTIC (BACK OF REFLECTOR).
- (13) TRANSPARENT PLASTIC (FRONT REFLECTOR).
- (14) TRANSPARENT RED PLASTIC (REAR REFLECTOR).
- (15) TRANSPARENT PLASTIC (REFLECTOR OF WHEELS).
- (16) PINK PLASTIC (TIRE).
- (17) BLACK PLASTIC (VALVE OF TIRE).
- (18) BLACK PLASTIC (CAP OF VALVE FOR TIRE).
- (19) BLACK PLASTIC (END PLUG OF HANDLEBAR).
- (20) WHITE PLASTIC (PEDAL).
- (21) TRANSPARENT ORANGE PLASTIC (REFLECTOR OF PEDAL).
- (22) TRANSPARENT PLASTIC LABEL WITH INACCESSIBLE COATINGS (PLASTIC LABEL OF FRAME).
- (23) BLACK PLASTIC (TIRE OF TRAINING WHEELS).
- (24) WHITE PLASTIC (WASHER OF TRAINING WHEELS).
- (25) WHITE PAPER LABEL WITH PLASTIC FILM AND INACCESSIBLE COATINGS (PAPER LABEL OF BELL).
- (26) WHITE PLASTIC (FASTENER OF BASKET).
- (27) WHITE PLASTIC (PLASTIC TUBE OF BASKET).
- (28) WHITE PLASTIC (THICK PLASTIC SHEET OF BASKET).
- (29) WHITE PLASTIC (THIN PLASTIC SHEET OF BASKET).
- (30) WHITE PLASTIC (BOTTOM OF BASKET).
- (31) BRIGHT WHITE PLASTIC (BINDING OF BASKET).
- (32) WHITE PLASTIC (RAIL OF BASKET).

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TESTS CONDUCTED

TESTED COMPONENTS :

- (33) SILVER COLOR METAL EXCLUDING COATING (HANDLEBAR).
- (34) SILVER COLOR PLATED METAL (HANDLEBAR STEM).
- (35) SILVER COLOR METAL EXCLUDING COATING (BELL).
- (36) SILVER COLOR PLATED METAL (SCREW ON BELL).
- (37) SILVER COLOR PLATED METAL (NUT ON SCREW OF BELL).
- (38) SILVER COLOR PLATED METAL (RING OF BELL).
- (39) DULL GOLD COLOR PLATED METAL (SPRING OF BELL).
- (40) SILVER COLOR PLATED METAL (BRACKET OF BELL).
- (41) MULTI-COLOR PLATED METAL (SCREW ON BRACKET OF BELL).
- (42) BLACK PLATED METAL (SCREW OF BRACKET FOR TRANSPARENT REFLECTOR).
- (43) BLACK PLATED METAL (NUT ON SCREW OF TRANSPARENT REFLECTOR).
- (44) SILVER COLOR PLATED METAL (SCREW OF TRANSPARENT REFLECTOR).
- (45) SILVER COLOR PLATED METAL (BOLT OF HANDLEBAR STEM).
- (46) SILVER COLOR PLATED METAL (WASHER ON BOLT OF HANDLEBAR STEM).
- (47) SILVER COLOR PLATED METAL (CLAMP OF HANDLEBAR).
- (48) SILVER COLOR PLATED METAL (SCREW ON CLAMP OF HANDLEBAR).
- (49) SILVER COLOR PLATED METAL (WASHER ON BASE OF HEAD TUBE).
- (50) BLACK PLASTIC (WASHER ON BASE OF HEAD TUBE).
- (51) SILVER COLOR PLATED METAL (HEAD LOCK NUT ON HEAD TUBE).
- (52) SILVER COLOR PLATED METAL (WASHER OF HEAD LOCK NUT ON HEAD TUBE).
- (53) SILVER COLOR PLATED METAL (BIG HEAD LOCK NUT ON HEAD TUBE).
- (54) SILVER COLOR PLATED METAL (HEAD CUP).
- (55) SILVER COLOR METAL EXCLUDING COATING (FRAME).
- (56) SILVER COLOR METAL EXCLUDING COATING (FRONT FORK).
- (57) SILVER COLOR SOLDER EXCLUDING COATING (SOLDER OF FRAME).
- (58) SILVER COLOR METAL EXCLUDING COATING (RIM).
- (59) SILVER COLOR PLATED METAL (SPOKES).
- (60) BLACK PLATED METAL (AXLE OF WHEELS).
- (61) SILVER COLOR PLATED METAL (HUB).
- (62) SILVER COLOR PLATED METAL (OUTER NUT OF AXLE FOR WHEEL).
- (63) SILVER COLOR PLATED METAL (WASHER OF OUTER NUT FOR AXLE ON FRONT WHEEL).
- (64) BLACK PLATED METAL (INNER NUT OF FRONT WHEEL).
- (65) SILVER COLOR PLATED METAL (CRANK).
- (66) BLACK PLATED METAL (NUT OF CRANK).
- (67) SILVER COLOR PLATED METAL (HEXAGON NUT ON CRANK).
- (68) SILVER COLOR PLATED METAL (ROUND NUT ON CRANK).
- (69) SILVER COLOR PLATED METAL (CRANK HANGER CUP).
- (70) SILVER COLOR PLATED METAL (INNER CRANK HANGER CUP).
- (71) SILVER COLOR METAL EXCLUDING COATING (SADDLE RAIL ON SEAT SUPPORT).
- (72) SILVER COLOR METAL EXCLUDING COATING (SPRING ON SEAT SUPPORT).
- (73) SILVER COLOR PLATED METAL (SCREW ON SEAT SUPPORT).
- (74) SILVER COLOR METAL EXCLUDING COATING (NUT ON SEAT SUPPORT).
- (75) SILVER COLOR METAL EXCLUDING COATING (SADDLE CLAMP).
- (76) SILVER COLOR PLATED METAL (STAPLES ON SADDLE PAN).
- (77) SILVER COLOR PLATED METAL (SEAT POST).
- (78) SILVER COLOR PLATED METAL (SEAT POST CLAMP).
- (79) SILVER COLOR PLATED METAL (SCREW OF SEAT POST CLAMP).
- (80) SILVER COLOR METAL EXCLUDING COATING (CHAIN GUARD).
- (81) SILVER COLOR METAL EXCLUDING COATING (CHAINWHEEL SET).
- (82) SILVER COLOR PLATED METAL (SCREW ON CHAIN GUARD).

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TESTS CONDUCTED

TESTED COMPONENTS :

- (83) BLACK PLATED METAL (METAL SHEET OF CHAIN).
- (84) BLACK PLATED METAL (AXLE OF CHAIN).
- (85) BLACK PLATED METAL (COLUMN OF CHAIN).
- (86) BLACK PLATED METAL (REAR CHAINWHEEL SET).
- (87) GOLD COLOR PLATED METAL (VALVE).
- (88) SILVER COLOR METAL EXCLUDING COATING (SMALL BRACKET OF TRAINING WHEELS).
- (89) SILVER COLOR METAL EXCLUDING COATING (BIG BRACKET OF TRAINING WHEELS).
- (90) SILVER COLOR METAL EXCLUDING COATING (RIVET OF TRAINING WHEELS).
- (91) SILVER COLOR PLATED METAL (BOLT OF TRAINING WHEELS).
- (92) SILVER COLOR PLATED METAL (NUT OF TRAINING WHEELS).
- (93) SILVER COLOR METAL EXCLUDING COATING (WHEEL OF TRAINING WHEELS).
- (94) SILVER COLOR PLATED METAL (SMALL INNER NUT OF REAR AXLE).
- (95) SILVER COLOR PLATED METAL (BIG INNER NUT OF REAR AXLE).
- (96) SILVER COLOR PLATED METAL (WASHER OF REAR AXLE).
- (97) SILVER COLOR PLATED METAL (ROUND WASHER OF REAR AXLE).
- (98) SILVER COLOR PLATED METAL (LINKING BAR OF REAR AXLE AND CHAIN STAY).
- (99) SILVER COLOR PLATED METAL (CLIP ON LINKING BAR OF REAR AXLE AND CHAIN STAY).

DATE SAMPLE RECEIVED : NOV 19, 2008, DEC 02, 2008 & DEC 11, 2008  
 TESTING PERIOD : NOV 19, 2008 TO DEC 11, 2008 & DEC 13, 2008 TO JAN 12, 2009

3 PHTHALATE CONTENT TEST

WITH REFERENCE TO ASTM D3421, BY GAS CHROMATOGRAPHIC-MASS SPECTROMETRIC (GC-MS) ANALYSIS.

	RESULT (% , w/w)			LIMIT (% , w/w)
	(1)	(2)	(3)	(MAX.)
DIBUTYL PHTHALATE (DBP)	<0.01	<0.01	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	<0.01	<0.01	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	<0.01	<0.01	0.1

	RESULT (% , w/w)			LIMIT (% , w/w)
	(1)	(2)	(3)	(MAX.)
DI-ISO-NONYL PHTHALATE (DINP)	<0.01	<0.01	<0.01	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01	<0.01	<0.01	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	<0.01	<0.01	0.1

	RESULT (% , w/w)			LIMIT (% , w/w)
	(4)	(5)	(6)	(MAX.)
DIBUTYL PHTHALATE (DBP)	<0.01	<0.01	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	<0.01	0.05	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	<0.01	<0.01	0.1

	RESULT (% , w/w)			LIMIT (% , w/w)
	(6)	(7)	(8)	(MAX.)
DI-ISO-NONYL PHTHALATE (DINP)	<0.01	<0.01	<0.01	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01	<0.01	<0.01	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	<0.01	<0.01	0.1

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**TEST REPORT**

NUMBER: SZHH0033845001

TESTS CONDUCTED

	RESULT (% , w/w)			LIMIT (% , w/w)
	(7)	(8)	(9)	(MAX.)
DIBUTYL PHTHALATE (DBP)	<0.01	<0.01	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	<0.01	<0.01	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	<0.01	<0.01	0.1

  

	RESULT (% , w/w)	LIMIT (% , w/w)
	(9)	(MAX.)
DI-ISO-NONYL PHTHALATE (DINP)	<0.01	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	0.1

REMARK : THE ABOVE LIMIT WAS QUOTED ACCORDING TO US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R.4040) FOR PROHIBITION ON SALE OF CERTAIN PRODUCTS CONTAINING SPECIFIED PHTHALATES.

DETECTION LIMIT = 0.01% (w/w)  
< = LESS THAN

TESTED COMPONENTS :

- (1) BLACK PVC FOAM (GRIP).
- (2) TRANSPARENT PVC PLASTIC SHEET BACKED WITH DULL WHITE FOAM AND INACCESSIBLE COATINGS (SADDLE COVER).
- (3) WHITE SOFT PLASTIC (FASTENER OF BASKET).
- (4) PINK SOFT PLASTIC (TIRE) (NON MOUTH).
- (5) BLACK SOFT PLASTIC (VALVE) (NON MOUTH).
- (6) BLACK SOFT PLASTIC (TIRE OF TRAINING WHEELS).
- (7) PINK KNIT BACKED WITH BLACK FOAM (GRIP COVER).
- (8) TRANSPARENT PLASTIC LABEL WITH INACCESSIBLE COATINGS (PLASTIC LABEL OF FRAME).
- (9) WHITE PAPER LABEL WITH PLASTIC FILM AND INACCESSIBLE COATINGS (PAPER LABEL OF BELL).

DATE SAMPLE RECEIVED : DEC 11, 2008 & JAN 06, 2009  
TESTING PERIOD : DEC 11, 2008 TO JAN 07, 2009

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END OF REPORT