

Test Report

NUMBER : TSNH00348702-S1

Applicant : TAMCO SUMMIT VEHICLE JIANGMEN CO.,LTD.
ROOM 910 BUILDING 2,KINWAI PLAZA,No,213,BAISHI
AVENUE, PENGJIANG DISTRICT JIANGMEN CITY
GUANGDONG CHINA
Attn :COCO TAN

Date : May 22,2024
This is to superseded report
TSNH00348702 dated Feb 09,
2021

Photo



To be continued

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd.

David Zhang
Asst.General Manager



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Sample Description:

Two (2) submitted samples said to be
Item Name : RIDE ON MOTORCYCLE
Item No. : D7,R3,BLRD07,T3
Style No. : D7,R3,BLRD07,T3
Age grading : 3-8Y
Supplier : TAMCO SUMMIT VEHICLE JIANGMEN CO.,LTD.
Country of Origin : CHINA

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested Sample/Components</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	U.S. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety – Physical and mechanical test and Flammability part Excluding requirement of section 4.25.10 Battery-powered Ride-On Toys	Pass
(1),(2,3&4),(5,6&7),(8,9&10), (12,32&33), (11,22&36), (13),(14),(15),(16,17&20), (18),(19),(21,23&24), (25),(26),(27),(28),(29),(30), (31),(34),(35)&(37)	U.S. ASTM F963-17 for total Lead content	Pass
(1),(2),(3),(4),(5),(6),(7),(8), (9),(10),(13),(14),(15),(16), (17),(18),(19),(20),(21),(23), (24),(26),(27),(28),(29),(30), (31),(34)&(35)	U.S. ASTM F963-17 section 4.3.5.2(2)(b) for soluble elements content for non-surface coating materials	Pass
(11),(22)&(36)	U.S. ASTM F963-17 for soluble elements content in surface coating	Pass
(11,22&36)	U.S. Code of Federal Regulations title 16 part 1303 for total Lead content in surface coating	Pass
(11,22&36)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass

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(1),(2,3&4),(5,6&7),(8,9&10), (12,32&33),(13),(14),(15), (16,17&20),(18),(19), (21,23&24),(25),(26),(27), (28),(29),(30),(31),(34),(35)& (37)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
(1),(2,3&4),(5,6&7),(8,9&10), (13),(14),(15),(18),(19), (16,17&20),(21),(23),(24), (26),(27),(28),(29),(30),(31), (34),(35)&(11,22&36)	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
(1),(2,3&4),(5,6&7),(8,9&10), (13),(14),(15),(18),(19), (16,17&20),(21),(23),(24), (26),(27),(28),(29),(30),(31), (34),(35)&(11,22&36)	Client's requirement on Phthalate content	Pass
Submitted Samples	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products	Pass
(38),(39),(40),(41),(42),(43)	U.S. ASTM F963-23 for total Lead content in non- surface coating materials	Pass
(38),(39),(40),(41),(42),(43)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 and its amendment for total Lead content in non-surface coating materials (substrate)	Pass
(38),(39),(40),(41),(42),(43)	15 U.S.C. Sec. 1278a - Total Lead Content	Pass
(38),(39),(40),(41),(42),(43)	U.S. ASTM F963-23 for soluble elements content	Pass
(38,39,40),(41,42,43)	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass

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1. Toy Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's Specified Age Group for Testing: For ages from 3 to 8 years

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -

Test	FHSA	Parameter
Tip over Test	Section 1500.53(b)	3 times
Torque Test	Section 1500.53(e)	4 in-lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf

Section	Testing Items	Assessment
4.1	Material Quality	P
4.2	Flammability	P (See test data #1)
4.3.7	Stuffing Materials	NA
4.4	Electrical/Thermal Energy	NA
4.5	Sound-Producing Toys	P
4.6	Small objects	P
4.6.1	Toys Intended for Children under 36 Months (Small Objects)	NA
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games for 36 Months to 72 Months (Small Part Warning)	P
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	P
4.12	Plastic Film	P
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	P
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	P
4.18	Holes, Clearance, and Accessibility of Mechanisms	P
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA



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Section	Testing Items	Assessment
4.25	Battery-Operated Toys	P (See test data #2)
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.27	Stuffed and Beanbag-Type Toys	NA
4.28	Stroller and Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys with Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labelling Requirement	P #1
6	Instructional Literature	P #1
7	Producer's Markings	P
	- Name of Producer (Toy)	Yes
	- Address (Toy)	Yes

Remark: The submitted samples were undergone the tests in accordance with Section 8.5 through Section 8.18 and 8.21 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass NA = Not Applicable

#1 = Only artwork of instruction and packaging were provided by applicant. The letter size was not assessed.

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Test data

#1. Flammability Test- Solid & Plush toys

As per section 4.2 of the ASTM Standard Consumer Safety Specification On Toy Safety F963-17.

Result = Did Not Ignite

#2. Battery Powered Ride-On Toys

As per ASTM F963-17 consumer safety specification for toy safety section 4.25, 5.15, 6.5, 6.6 and 7.2.

Applicant's specified age group for testing: For ages from 3 to 8 years

Type of battery: 12V, 4.5Ah, Lead-acid rechargeable battery x 1pc in vehicle

Charger type: Input 100-240 V A.C., Output 12 V D.C.(Provided)

Model: LKC-120100-E

Electric operated function: Battery powered sound, LED and motion.

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.25.1	Battery marking	NA
4.25.2	Maximum allowable direct current potential	P
4.25.3	Protection against charging non-rechargeable battery	NA
4.25.4	Accessible batteries	NA
4.25.5	Accessible batteries that can fit completely within small part cylinder	NA
4.25.6	Isolation of batteries of different types or capacities	NA
4.25.7	Temperature of battery surface	P
4.25.8	Temperature of battery surface or combustion hazard after normal use and abuse test	P
4.25.9	Packaging and Instruction requirement	P
	- 5.15 Non-replaceable battery statement in battery operated toys	P
	- 5.15.2 Button or coin cell batteries	NA
	- 6.5 Instruction on safe usage of battery	NA
4.25.10	Battery-powered ride-on toys	P
4.25.10.1	The maximum temperature measured on the insulation of any conductor shall not exceed the temperature rating of the material.	P
4.25.10.2	Battery powered ride on toys shall not present a risk of fire in stalled motor test.	P
4.25.10.3	A battery powered ride on toy designed with a wiring system that has a user replaceable device (fuse type) for the primary circuit protection or a wiring system with user resettable primary circuit protection (manual reset fuse) shall not actuate (open or trip) when tested in accordance with the	P



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4.25.10.4	nuisance tripping test Switches used in battery powered ride on toys. - Polymeric materials in switches used in battery powered ride on toys that are used to support current carrying parts shall carry a minimum flame rating of UL-94 V-0 or have a glow wire ignition rating of 750°C. - The switch body shall not result in a short circuit condition when subjected to the switch endurance test and overload tests. - The switch shall not fail in a mode that could cause the vehicle to run continuously (switch stuck in the "on" position) when subjected to the endurance test and the overload test.	P
4.25.10.5	User replaceable circuit protection devices in battery powered ride on toys. - User replaceable circuit protection devices provided by the manufacturer in battery-powered ride-on toys shall be listed, recognized or certified by a Nationally Recognized Test Laboratory (NRTL) (that is, a laboratory recognized in accordance with 29 CFR 1910) to an appropriate electrical safety standard. - All circuit protection devices used in battery powered ride on toys intended to be replaced by the user shall be replaceable only with the use of a tool or by a design which does not easily allow tempering such as a design requiring excessive force to open.	NA
4.25.10.6	Batteries and battery chargers. - Battery connectors must be constructed of material with a UL94 V-0 flame rating or have a glow wire ignition rating of 750°C. - The battery charging system shall not present a risk of fire due to a short circuit condition applied to any point in the length of a charger/battery. - During charging, battery-charging voltages shall not exceed the recommended charging voltages. - Battery charges must be certified to the appropriate standard body. Reference document of certified body: 3175096	P
4.25.10.7	Wiring connected to the main/motor battery shall be short circuit protected and shall not present the risk of fire.	P
4.25.10.8	Strain relief shall be provided to prevent mechanical stress on wires entering a connector block during routine maintenance.	P
4.25.10.9	Battery powered ride on toys shall comply with the requirements for safety labelling, for additional instructional literature, and for required producer's markings. - 5.15.1 Safety warnings of battery powered ride on toys - 6.6 Instructions - 7.2 Producer's marking	P
4.25.11	Toys that contain secondary cells or secondary batteries	P

Remark: P = Pass NA = Not Applicable

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2. Total Lead (Pb) Content

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, test method CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 and CPSC-CH-E1003-09.1 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry and AAS.

(I) Surface coating

<u>Tested Components</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(11,22&36)	<20	90

(II) Non-surface coating

<u>Tested Components</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1)	<10	100
(2,3&4)	<10	100
(5,6&7)	<10	100
(8,9&10)	<10	100
(12,32&33)	<10	100
(13)	<10	100
(14)	<10	100
(15)	<10	100
(16,17&20)	14	100
(18)	14	100
(19)	<10	100
(21,23&24)	<10	100
(25)	<10	100
(26)	<10	100
(27)	<10	100
(28)	<10	100
(29)	16	100
(30)	<10	100
(31)	<10	100
(34)	<10	100
(35)	<10	100
(37)	<10	100

Remark: ppm = parts per million based on dry weight of sample = mg/kg

Tested Components: See component list in the last section of this report.

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3. Soluble Elements Analysis In Non-Surface Coating Materials (Substrate Except Modelling Clay)

As per section 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>										<u>Limit (ppm)</u>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	6	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result (ppm)</u>								<u>Limit (ppm)</u>
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
Sol. Barium (Ba)	<5	<5	5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result (ppm)</u>								<u>Limit (ppm)</u>
	(21)	(23)	(24)	(26)	(27)	(28)	(29)	(30)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	6	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

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	<u>Result (ppm)</u>			<u>Limit (ppm)</u>
	(31)	(34)	(35)	
Sol. Barium (Ba)	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	25

Remark: Sol. = soluble
ppm = parts per million = mg/kg

Tested components: See component list in the last section of this report.

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4. Soluble Elements Analysis In Surface Coating

As per section 4.3.5.1(2) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

		<u>Result (ppm)</u>			<u>Limit (ppm)</u>
	(11)	(22)	(36)		
Sol. Barium (Ba)	<5	25	9	1000	
Sol. Lead (Pb)	<5	<5	<5	90	
Sol. Cadmium (Cd)	<5	<5	<5	75	
Sol. Antimony (Sb)	<5	<5	<5	60	
Sol. Selenium (Se)	<5	<5	<5	500	
Sol. Chromium (Cr)	<5	<5	14	60	
Sol. Mercury (Hg)	<5	<5	<5	60	
Sol. Arsenic (As)	<2.5	<2.5	<2.5	25	

Remark: Sol. = soluble
ppm = parts per million based on dry weight of sample = mg/kg

Tested components: See component list in the last section of this report.

5. Total Lead (Pb) Content In Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Components</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(11,22&36)	<20	90

Remark: ppm = Parts per million based on dry weight of sample = mg/kg
< = Less Than

Tested Components: See component list in the last section of this report.

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6. Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.3 and CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry and AAS.

<u>Tested Components</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1)	<10	100
(2,3&4)	<10	100
(5,6&7)	<10	100
(8,9&10)	<10	100
(12,32&33)	<10	100
(13)	<10	100
(14)	<10	100
(15)	<10	100
(16,17&20)	14	100
(18)	14	100
(19)	<10	100
(21,23&24)	<10	100
(25)	<10	100
(26)	<10	100
(27)	<10	100
(28)	<10	100
(29)	16	100
(30)	<10	100
(31)	<10	100
(34)	<10	100
(35)	<10	100
(37)	<10	100

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

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7. Phthalate Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Test item</u>	<u>Result (%)</u>							<u>Limit (%) (Max.)</u>
	(1)	(2,3&4)	(5,6&7)	(8,9&10)	(13)	(14)	(15)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	ND	ND	0.1

<u>Test item</u>	<u>Result (%)</u>							<u>Limit (%) (Max.)</u>
	(18)	(19)	(16,17&20)	(21)	(23)	(24)	(26)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	0.08	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	0.02	ND	ND	ND	ND	ND	0.02	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	ND	ND	0.1

<u>Test item</u>	<u>Result (%)</u>								<u>Limit (%) (Max.)</u>
	(27)	(28)	(29)	(30)	(31)	(34)	(35)	(11,22&36)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	0.01	ND	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected
Detection Limit = 0.01%

Tested Component(s): See component list in the last section of this report.

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8. Phthalate Content Test

With reference to CPSC-CH-C1001-09.4, by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

Tested Compound	Cas No.	Result (%)					Limit (%) (Max.)
		(1)	(2,3&4)	(5,6&7)	(8,9&10)	(13)	(Max.)
Di-butyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	117-81-7	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	26761-40-0	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.1
Di-iso-butyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DnPP/DPENP)	131-18-0	ND	ND	ND	ND	ND	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.1

Tested Compound	Cas No.	Result (%)					Limit (%) (Max.)
		(14)	(15)	(18)	(19)	(16,17&20)	(Max.)
Di-butyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	117-81-7	ND	ND	0.02	ND	ND	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	26761-40-0	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.1
Di-iso-butyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DnPP/DPENP)	131-18-0	ND	ND	ND	ND	ND	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.1

To be continued



Test Report

NUMBER : TSNH00348702-S1

Tested Compound	Cas No.	Result (%)					Limit (%) (Max.)
		(21)	(23)	(24)	(26)	(27)	(Max.)
Di-butyl phthalate (DBP)	84-74-2	ND	ND	ND	0.08	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	117-81-7	ND	ND	ND	0.02	ND	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	26761-40-0	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.1
Di-iso-butyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DnPP/DPENP)	131-18-0	ND	ND	ND	ND	ND	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.1

Tested Compound	Cas No.	Result (%)					Limit (%) (Max.)
		(28)	(29)	(30)	(31)	(34)	(Max.)
Di-butyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	117-81-7	0.01	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	26761-40-0	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.1
Di-iso-butyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DnPP/DPENP)	131-18-0	ND	ND	ND	ND	ND	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.1

To be continued



Test Report

NUMBER : TSNH00348702-S1

Tested Compound	Cas No.	Result (%)		Limit (%) (Max.)
		(35)	(11,22&36)	(Max.)
Di-butyl phthalate (DBP)	84-74-2	ND	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	117-81-7	ND	ND	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	0.1
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	26761-40-0	ND	ND	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	0.1
Di-iso-butyl phthalate (DIBP)	84-69-5	ND	ND	0.1
Di-n-pentyl phthalate (DnPP/DPENP)	131-18-0	ND	ND	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	0.1

Remark: Detection Limit = 100mg/kg
 ND = Not Detected

Tested Components: See component list in the last section of this report.

To be continued



Test Report

NUMBER : TSNH00348702-S1

9. Tracking Label Assessment

As per Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels For Children Products.

Tracking Label Found on the Packaging:

Name of manufacturer / importer / private labeler:	TAMCO SUMMIT VEHICLE JIANGMEN CO.,LTD.
Location of production:	XING TAI CITY,HEBEI,CHINA
Date code:	May 10th ,2024
Cohort information:	CU002-2421

Tracking label found on the product:

Name of manufacturer / importer / private labeler:	TAMCO SUMMIT VEHICLE JIANGMEN CO.,LTD.
Location of production:	XING TAI CITY,HEBEI,CHINA
Date code:	May 10th ,2024
Cohort information:	CU002-2421

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

To be continued



Test Report

NUMBER : TSNH00348702-S1

10. Total Lead (Pb) Content for Non-surface Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3, was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result in ppm						Reporting Limit	Limit
	(38)	(39)	(40)	(41)	(42)	(43)	(ppm)	(ppm)
Lead(Pb)	ND	ND	ND	ND	ND	ND	10	100

Remark: ppm = parts per million based on dry weight of sample = mg/kg
 ND= Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

11. Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.3 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Limit (ppm)
(38)	<10	100
(39)	<10	100
(40)	<10	100
(41)	<10	100
(42)	<10	100
(43)	<10	100

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate).

Remark: ppm = Parts per million = mg/kg
 <=less than

Tested Components: See component list in the last section of this report.

To be continued



Test Report

NUMBER : TSNH00348702-S1

12. Soluble Elements Analysis (ASTM F963-23)

As per section 4.3.5.1(2) and 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-23, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)						Reporting Limit (mg/kg)	Limit (mg/kg)
	(38)	(39)	(40)	(41)	(42)	(43)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	2.5	25

Remark: mg/kg = milligram per kilogram =ppm
 Sol. = Soluble
 spl.wt. = Sample weight
 ND= Not detected (Less than reporting limit)

Tested components: See component list in the last section of this report.

 To be continued



Test Report

NUMBER : TSNH00348702-S1

13. Phthalate Content

According to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Test item</u>	<u>Result (%)</u>		<u>Limit (%) (Max.)</u>
	(38,39,40)	(41,42,43)	
Dibutyl phthalate (DBP)	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected
Detection Limit = 0.01%

Tested Component(s): See component list in the last section of this report.

To be continued



Test Report

NUMBER : TSNH00348702-S1

Test Components:

- (1) Red/white sticker on head of car for sample use
- (2) Red plastic head&body for sample use
- (3) Transparent plastic headlight for sample use
- (4) Yellow plastic headlight &taillight for sample use
- (5) Black plastic rearview mirror& headstock for sample use
- (6) Black plastic windshield for sample use
- (7) White plastic body for sample use
- (8) Black plastic front fork for sample use
- (9) Black plastic tire&hub for sample use
- (10)Red plastic hub for sample use
- (11)Grey coating on hub&taillight &body side for sample use
- (12)Silver metal screw on front fork for sample use
- (13)Multicolor sticker on panel for sample use(Black/red/white/green)
- (14)Black/ green sticker on panel for sample use
- (15)White/red sticker on headstock for sample use
- (16)Black plastic handlebar & seat & frame for sample use
- (17)Black plastic with grid body for sample use
- (18)Black rubber handlebar for sample use
- (19)Multicolor sticker on backseat &body side for sample use(Black/red/white)
- (20)Red plastic with white printing button for sample use
- (21)Transparent plastic protective film on headstock for sample use
- (22)Silver coating on headstock for sample use
- (23)Black plastic with white printing button for sample use
- (24)Black plastic sheath for sample use
- (25)Silver metal frame without coating
- (26)Green plastic thread skin for sample use
- (27)Transparent plastic plug on body side for sample use
- (28)Yellow plastic thread skin for sample use
- (29)Black plastic buckle for sample use
- (30)Blackplastic training wheels for sample use
- (31)Black/white sticker on tail of car for sample use
- (32)Silver metal nut on training wheels for sample use
- (33)Silver metal sheet on training wheels for sample use
- (34)Multicolor sticker on seat for sample use(Black/green/white)
- (35)Multicolor sticker on seat for sample use(Black/red/white)
- (36)Black coating frame under the motorcycle for sample use
- (37)Silver metal screw under the motorcycle for sample use
- (38)Blue plastic for sample (B) use.
- (39)Orange plastic for sample (B) use.
- (40)Pink plastic for sample (B) use.
- (41)Purple plastic for sample (B) use.
- (42)Red plastic for sample (B) use.
- (43)White plastic for sample (B) use.



Test Report

NUMBER : TSNH00348702-S1

Date sample received: Jul 24, 2020

Testing period: Jul 24, 2020 To Feb 09, 2021

Re : report revision notification

Report number TSNH00348702 dated Feb 09,2021

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised report, number TSNH00348702-S1, issued on May 22,2024.

Thank you for your attention.

End of report

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