SAFETY DATA SHEET

DATE OF ISSUE: 20 JANUARY 2016

1.1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT NAME...... Paint for pads

FORMULA...... Not applicable (mixture) CAS NO. AND NAME...... Not applicable (mixture)

1.2. COMPANY INDENTIFICATION

CENTER ENTERPRISES INC

30 SHIELD STREET, WEST HARTFORD, CT 06110, USA TEL: 00 1 860 953 4423 FAX: 00 1 860 953 2948

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.
Water	7732-18-5
Glycerin	56-81-5
Calcium Carbonate	471-34-1, 1317-65-3
Mica	12001-26-2
Colour pigments	Various
Xathan Gum	11138-66-2
Preservative	6440-58-0
Embittering agent	3734-33-6

3. HAZARD IDENTIFICATION

Skin: Not expected to cause skin irritation following prolonged or repeated use.

Exposure to this product is unlikely to result in photo-toxic effects. Unlikely to cause sensitisation following repeated skin contact. Unlikely to produce systemic toxicity following skin contact.

Eye: May cause slight transient eye irritation.

Oral: If incidentally swallowed in small amount the formulation is unlikely to cause

any adverse effects.

Not expected to produce systemic toxicity following ingestion.

All materials if swallowed in large amounts have the potential to cause injury.

Inhalation: It is unlikely that inhalation will be a route of exposure.

4. FIRST AID MEASURES

Skin: Wash with soap and water

Eye: Immediately flush with plenty of water. Seek medical attention if irritation

persists.

Oral: Wash out mouth and drink water.
Inhalation: No emergency care anticipated.

5. FIRE FIGHTING MEASURES

Extinguishing media: This product is a non-flammable dense liquid.

Extinguishing media to be avoided: None **Specific fire fighting methods:** None

Specific protective equipment for fire fighters: Use self-contained breathing apparatus when

fighting fires in enclosed areas.

6. ACCIDENTAL RELEASE MEASURES

Restrict the area to only those personnel needed. Major spills should be collected for disposal. Minor spills may be flushed away if permitted by local regulations.

7. HANDLING AND STORAGE

Handling: Wash thoroughly after handling.Storage: Store in dry conditions out of sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection:

Respiratory protection:
 Hand protection:
 Use gloves impervious to water

- Eye protection: None

- Skin and body protection: Suitable clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Colour: Various
Odour: Slight

Flammability: Not applicable (aqueous system)

10.STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions:

- Conditions to avoid: None

- Materials to avoid: None

11.TOXICOLOGICAL INFORMATION

Information on this products shows that it would not be expected to be toxic

12.ECOLOGICAL INFORMATION

No known negative ecological effects.

13.DISPOSAL CONSIDERATIONS

Dispose of in accordance with relevant local regulations.

14.TRANSPORT INFORMATION

Non-hazardous for air, sea or road freight.

15.REGULATORY INFORMATION

This product complies with the EU Toy Safety Directive 2009/48/EC. A review of the ingredients suggests that it is not expected to be Toxic, Corrosive, Irritant or a Strong Sensitiser as defined in 16 CFR 1500.3(b)(5), 1500.3(b)(6),1500.3(b)(7), 1500.3(b)(8), 1500.3(b)(9) and ASTM F963-08 (ASTM F963-11 from 12 June 2012) Standard Consumer Safety Specification on Toy Safety.

16.OTHER INFORMATION

The information given is based on our knowledge of this product at the time of publication and given in good faith .

Please consult the relevant product and/or application information for this product.



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CENTER ENTERPRISES INC. Applicant:

Address: 30 SHIELD STREET

WEST HARTFORD

CT 06133 **USA**

The following merchandise was (were) submitted and identified by client as:

Model / Sample Name: Please refer to next page(s).

Specified Testing Age Tested Age Grading: NONDER

Group:

Packaging Provided: No

Sample Received Date: Aug. 30, 2018 **Completed Date:** Aug. 31, 2018

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Submitted sample	EN 71-1:2014 - Physical and Mechanical Properties(Excluding Section6.Packaging , 7.Warnings, markings and instructions for use)	PASS
2	Submitted sample	EN 71-2:2011+A1:2014 - Flammability	PASS
3	Tested materials of submitted samples	EN 71-3:2013+A2:2017 - Migration of certain elements (Category III)	PASS

Calbi Lu Edited by:

Reviewed by: Phoebe Zhang

Approved by: Andy Zhu Junal lang

INTERNATIONAL CO., LTD.

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Aug. 31, 2018 Report No.: WD2018081295EN-1 Page: 2 / 14 Date:

Test Result(s):

Mechanical and Physical Properties - FN 71-1:2014

Section	Testing Items	Assessment
4	General Requirements	PASS
4.1	Material cleanliness	PASS
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	PASS
4.8	Points and metallic wires	PASS
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months (Washing/ Cleaning instruction)	NA
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of toy	NA
5.3	Plastic sheeting	NA NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid-filled toys	NA

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"s" means the item of subcontractor is not accredited by CNAS.

WONDER (GUANGDONG) TESTING No. 221 Jianshebei Road Huadu District, Guangzhou City, Guangdong Province, China, 5 E-mail: wd@wdwonder.com Tel: 86-020-8689 0001 Fax: 86-020-8689 6998 Website: http://www.wdwonder.com

INTERNATIONAL CO., LTD.



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1			
5.6	Speed limitation of electrically-driven ride-on toys	NA	-11.115
5.7	Glass and porcelain	NA	No
5.8	Shape and size of certain toys	NA NA	
5.9	Toys comprising monofilament fibers	NA	
5.10	Small balls	NA	
5.11	Play figures	NA	
5.12	Hemispheric-shaped toys	NA	-0.05
5.13	Suction cups	NA	MAG
5.14	Straps intended to be worn fully or partially around the neck	NA NA	
6	Packaging	NR*	
7	Warnings, markings and instructions for use	NR*	
7.1	General	NR*	
7.2	Toys not intended for children under 36 months	NR*	
7.3	Latex balloons	NA	VV
7.4	Aquatic toys	NA	
7.5	Functional toys	NA	
7.6	Hazardous sharp functional edges and points	NA	
7.7	Projectiles	NA	
7.8	Imitation protective masks and helmets	NA	
7.9	Toy kites	NA	TVVC
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	NA	
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	NA	
7.12	Liquids-filled teethers	NA	
7.13	Percussion caps specifically designed for use in toys	NA	
7.14	Acoustics	NA	TANK
7.15	Toy bicycles	NA	M
7.16	Toys intended to bear the mass of a child	NA	
7.17	Toys comprising monofilament fibres	NA	
7.18	Toy scooters	NA	
7.19	Rocking horses and similar toys	NA	
7.20	Magnetic/electrical experimental sets	NA	TALL C
7.21	Toys with electrical cables exceeding 300mm in length	NA	
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA	

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Test Result(s):

Labeling Requirements: 2009/48/EC - Safety of Toys

Testing Items	Results
Importer's or Manufacturer's Name	NO
Importer's or Manufacturer's address	NO
Product ID	NO
CE mark	NO

Note: 1. NA = Not Applicable.

- 2. NR = Not Requested.
- 3. "*" = Per client's requirement, the packaging was not evaluated.
- According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
- The manufacturer's name and registered trade name or registered trade mark and the address at which the manufacturer can be contacted shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.
- Manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or natural of the toys does not allow, that the required information is provided on the packaging or in a document accompanying the toy.
- CE marking should be visible from outside the packaging and its height must be at least 5 mm.

Flammability - EN 71-2:2011+A1:2014

Section	Testing Items	Assessment
4.1	General requirements	PASS
4.2	Toys to be worn on the head	NA NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA
Note: 1.	NA = Not Applicable.	

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E-mail: wd@wdwonder.com Tel: 86-020-8689 0001 Fax: 86-020-8689 6998 Website: http://www.wdwonder.co INTERNATIONAL CO., LTD.



Aug. 31, 2018 Report No.: WD2018081295EN-1 Page: 5 / 14 Date:

Test Result(s):

Migration of Certain Elements (General Elements) - EN71-3 (Category III) Method: With reference to EN 71-3:2013+A2:2017Annex E & F, analyzed by

Inductively Coupled Plasma Atomic Emission spectroscopy (ICP-AES) and UV-Vis.

Ouhatanaa	DI (may/kg)	1 too 14 (on on the sex		Result	(mg/kg)	
Substance	RL (mg/kg)	Limit (mg/kg)	1	2	3	4
Lead (Pb)	10	160	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	10	560	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	10	47	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	50	18750	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	10	460	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	5	17	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	10	94	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	2.0	460	N.D.	N.D.	N.D.	N.D.
Chromium(W) (Cr $^{6+}$)	0.2	0.2	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	10	930	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	3.3	180000	N.D.	N.D.	N.D.	N.D.
Aluminium (AI)	50	70000	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	50	7700	219	N.D.	99	88
Cobalt (Co)	10	130	N.D.	N.D.	N.D.	N.D.
Boron (B)	50	15000	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	50	15000	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	50	56000	N.D.	N.D.	N.D.	53
Zinc (Zn)	50	46000	N.D.	959	N.D.	N.D.
	Conclusion(s)	-ER	PASS	PASS	PASS	PASS



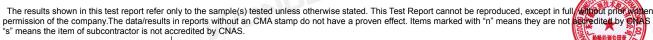
Aug. 31, 2018 Report No.: WD2018081295EN-1 Page: 6 / 14 Date:

Test Result(s):

Migration of Certain Elements (General Elements) - EN71-3 (Category III) Method: With reference to EN 71-3:2013+A2:2017Annex E & F, analyzed by

Inductively Coupled Plasma Atomic Emission spectroscopy (ICP-AES) and UV-Vis.

Substance	RL (mg/kg)	Limit (mg/kg)				
	INE (IIIg/Kg)	3 3/	5	6	7	8
_ead (Pb)	10	160	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	10	560	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	10	47	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	50	18750	135	70	N.D.	N.D.
Selenium (Se)	10	460	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	5	17	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	10	94	N.D.	N.D.	N.D.	N.D.
Chromium(Ⅲ) (Cr ³⁺)	2.0	460	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.2	0.2	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	10	930	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	3.3	180000	N.D.	N.D.	N.D.	N.D.
Aluminium (Al)	50	70000	211	N.D.	N.D.	N.D.
Copper (Cu)	50	7700	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	10	130	N.D.	N.D.	N.D.	N.D.
Boron (B)	50	15000	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	50	15000	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	50	56000	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	50	46000	65	N.D.	210	669
(Conclusion(s)	NDER	PASS	PASS	PASS	PASS





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Test Result(s):

Migration of Certain Elements (General Elements) - EN71-3 (Category III)

Method: With reference to EN 71-3:2013+A2:2017Annex E & F, analyzed by

Inductively Coupled Plasma Atomic Emission spectroscopy (ICP-AES) and UV-Vis.

Substance	DI (may/kg)		1	Result	(mg/kg)	
Substance	RL (mg/kg)	Limit (mg/kg)	9	10	11	12
Lead (Pb)	10	160	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	10	560	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	10	47	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	50	18750	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	10	460	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	5	17	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	10	94	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	2.0	460	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.2	0.2	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	10	930	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	3.3	180000	N.D.	N.D.	N.D.	N.D.
Aluminium (Al)	50	70000	N.D.	64	N.D.	N.D.
Copper (Cu)	50	7700	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	10	130	N.D.	N.D.	N.D.	N.D.
Boron (B)	50	15000	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	50	15000	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	50	56000	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	50	46000	N.D.	N.D.	N.D.	N.D.
(Conclusion(s)	SER	PASS	PASS	PASS	PASS
		NDE				



Aug. 31, 2018 Report No.: WD2018081295EN-1 Page: 8 / 14 Date:

Test Result(s):

Migration of Certain Elements (General Elements) - EN71-3 (Category III) Method: With reference to EN 71-3:2013+A2:2017Annex E & F, analyzed by

Inductively Coupled Plasma Atomic Emission spectroscopy (ICP-AES) and UV-Vis.

Substance	DL (may/kg)		Result (mg/kg)			
Substance	RL (mg/kg)	Limit (mg/kg)	13	14	15	16
Lead (Pb)	10	160	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	10	560	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	10	47	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	50	18750	N.D.	N.D.	N.D.	73
Selenium (Se)	10	460	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	5	17	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	10	94	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	2.0	460	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.2	0.2	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	10	930	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	3.3	180000	N.D.	N.D.	N.D.	N.D.
Aluminium (Al)	50	70000	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	50	7700	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	10	130	N.D.	N.D.	N.D.	N.D.
Boron (B)	50	15000	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	50	15000	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	50	56000	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	50	46000	188	N.D.	N.D.	N.D.
(Conclusion(s)	FR	PASS	PASS	PASS	PASS



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Test Result(s):

Migration of Certain Elements (General Elements) - EN71-3 (Category III)

Method: With reference to EN 71-3:2013+A2:2017Annex E & F, analyzed by Inductively Coupled Plasma

Atomic Emission spectroscopy (ICP-AES) and UV-Vis.

Substance	DI (ma/ka)	l imit (ma/ka)	Result	(mg/kg)	
Substance	RL (mg/kg) Limit (mg/kg)		17	18	
Lead (Pb)	10	160	N.D.	N.D.	
Antimony (Sb)	10	560	N.D.	N.D.	
Arsenic (As)	10	47	N.D.	N.D.	
Barium (Ba)	50	18750	N.D.	N.D.	
Selenium (Se)	10	460	N.D.	N.D.	
Cadmium (Cd)	5	17	N.D.	N.D.	
Mercury (Hg)	10	94	N.D.	N.D.	
Chromium(Ⅲ) (Cr ³⁺)	2.0	460	N.D.	N.D.	
Chromium(VI) (Cr ⁶⁺)	0.2	0.2	N.D.	N.D.	
Nickel (Ni)	10	930	N.D.	N.D.	
Tin (Sn)	3.3	180000	N.D.	N.D.	
Aluminium (AI)	50	70000	N.D.	N.D.	
Copper (Cu)	50	7700	N.D.	N.D.	
Cobalt (Co)	10	130	N.D.	N.D.	
Boron (B)	50	15000	N.D.	N.D.	
Manganese (Mn)	50	15000	N.D.	N.D.	
Strontium (Sr)	50	56000	N.D.	N.D.	
Zinc (Zn)	50	46000	N.D.	N.D.	
	Conclusion(s)	ER	PASS	PASS	

Note: 1. mg/kg = milligram per kilogram (ppm).

2. N.D. = Not Detected (< RL).

3. RL = Reporting Limit.

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Report No.: WD2018081295EN-1 **Date:** Aug. 31, 2018 **Page:** 10 / 14

Test Result(s):

Migration of Certain Elements (Organic Tin) - EN71-3 (Category III)

Method: With reference to EN 71-3:2013+A2:2017 Annex G, analyzed by Gas

Chromatograph-Mass Spectrometry (GC-MS).

101	Substance Bl (malka) Limit (malka)		-JM	Result (r	ng/kg) 🌣	
Substance	RL (mg/kg)	Limit (mg/kg)	1	2	3	4
Methyl Tin(MeT)	0.2	MER	N.D	N.D	N.D	N.D
Butyl Tin(BuT)	0.2		N.D	N.D	N.D	N.D
Dibutyl Tin(DBT)	0.2		N.D	N.D	N.D	N.D
Tributyl Tin(TBT)	0.2		N.D	N.D	N.D	N.D
Tetrabutyl Tin(TeBT)	0.2		N.D	N.D	N.D	N.D
Monooctyl Tin(MOT)	0.2		N.D	N.D	N.D	N.D
Dioctyl Tin(DOT)	0.2	MEB	N.D	N.D	N.D	N.D
Dipropyl Tin(DProT)	0.2		N.D	N.D	N.D	N.D
Diphenyl Tin(DPhT)	0.2		N.D	N.D	N.D	N.D
Triphenyl Tin(TPhT)	0.2		N.D	N.D	N.D	N.D
Sum of Organ	Sum of Organic Tins		N.D	N.D	N.D	N.D
(Conclusion(s)		PASS	PASS	PASS	PASS

Migration of Certain Elements (Organic Tin) - EN71-3 (Category III)

Method: With reference to EN 71-3:2013+A2:2017 Annex G, analyzed by Gas

Chromatograph-Mass Spectrometry (GC-MS).

Cubatanaa	RL (mg/kg)	Limit (mg/kg)	Result (mg/kg) ☆			
Substance			5	6	7	8
Methyl Tin(MeT)	0.2	DEIS	N.D	N.D	N.D	N.D
Butyl Tin(BuT)	0.2		N.D	N.D	N.D	N.D
Dibutyl Tin(DBT)	0.2		N.D	N.D	N.D	N.D
Tributyl Tin(TBT)	0.2		N.D	N.D	N.D	N.D
Tetrabutyl Tin(TeBT)	0.2		N.D	N.D	N.D	N.D
Monooctyl Tin(MOT)	0.2		N.D	N.D	N.D	N.D
Dioctyl Tin(DOT)	0.2	DEIS	N.D	N.D	N.D	N.D
Dipropyl Tin(DProT)	0.2		N.D	N.D	N.D	N.D
Diphenyl Tin(DPhT)	0.2		N.D	N.D	N.D	N.D
Triphenyl Tin(TPhT)	0.2		N.D	N.D	N.D	N.D
Sum of Organic Tins 12		12	N.D	N.D	N.D	N.D
Conclusion(s)			PASS	PASS	PASS	PASS

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Test Result(s):

Migration of Certain Elements (Organic Tin) - EN71-3 (Category III)

Method: With reference to EN 71-3:2013+A2:2017 Annex G, analyzed by Gas

Chromatograph-Mass Spectrometry (GC-MS).

Cubatanaa	RL (mg/kg)	Limit (mg/kg)	Result (mg/kg) ☆			
Substance			9	10	11	12
Methyl Tin(MeT)	0.2	DER	N.D	N.D	N.D	N.D
Butyl Tin(BuT)	0.2		N.D	N.D	N.D	N.D
Dibutyl Tin(DBT)	0.2		N.D	N.D	N.D	N.D
Tributyl Tin(TBT)	0.2		N.D	N.D	N.D	N.D
Tetrabutyl Tin(TeBT)	0.2		N.D	N.D	N.D	N.D
Monooctyl Tin(MOT)	0.2		N.D	N.D	N.D	N.D
Dioctyl Tin(DOT)	0.2	MEB	N.D	N.D	N.D	N.D
Dipropyl Tin(DProT)	0.2		N.D	N.D	N.D	N.D
Diphenyl Tin(DPhT)	0.2		N.D	N.D	N.D	N.D
Triphenyl Tin(TPhT)	0.2		N.D	N.D	N.D	N.D
Sum of Organic Tins 1		12	N.D	N.D	N.D	N.D
Conclusion(s)			PASS	PASS	PASS	PASS

Migration of Certain Elements (Organic Tin) - EN71-3 (Category III)

Method: With reference to EN 71-3:2013+A2:2017 Annex G, analyzed by Gas

Chromatograph-Mass Spectrometry (GC-MS).

Outratamas	RL (mg/kg)	Limit (mg/kg)	Result (mg/kg) ☆			
Substance			13	14	15	16
Methyl Tin(MeT)	0.2	DELS	N.D	N.D	N.D	N.D
Butyl Tin(BuT)	0.2		N.D	N.D	N.D	N.D
Dibutyl Tin(DBT)	0.2		N.D	N.D	N.D	N.D
Tributyl Tin(TBT)	0.2		N.D	N.D	N.D	N.D
Tetrabutyl Tin(TeBT)	0.2		N.D	N.D	N.D	N.D
Monooctyl Tin(MOT)	0.2		N.D	N.D	N.D	N.D
Dioctyl Tin(DOT)	0.2	DEIS	N.D	N.D	N.D	N.D
Dipropyl Tin(DProT)	0.2		N.D	N.D	N.D	N.D
Diphenyl Tin(DPhT)	0.2		N.D	N.D	N.D	N.D
Triphenyl Tin(TPhT)	0.2		N.D	N.D	N.D	N.D
Sum of Organic Tins 12		12	N.D	N.D	N.D	N.D
Conclusion(s)			PASS	PASS	PASS	PASS

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Test Result(s):

Migration of Certain Elements (Organic Tin) - EN71-3 (Category III)

Method: With reference to EN 71-3:2013+A2:2017 Annex G, analyzed by Gas Chromatograph-Mass

Spectrometry (GC-MS).

Substance	RL (mg/kg)	THE STATE OF	Result (mg/kg) ☆		
		Limit (mg/kg)	17	18	
Methyl Tin(MeT)	0.2	<u>-</u> -	N.D	N.D	
Butyl Tin(BuT)	0.2		N.D	N.D	-110
Dibutyl Tin(DBT)	0.2		N.D	N.D	NA
Tributyl Tin(TBT)	0.2		N.D	N.D	
Tetrabutyl Tin(TeBT)	0.2	/1/0	N.D	N.D	
Monooctyl Tin(MOT)	0.2		N.D	N.D	
Dioctyl Tin(DOT)	0.2		N.D	N.D	
Dipropyl Tin(DProT)	0.2		N.D	N.D	-40
Diphenyl Tin(DPhT)	0.2		N.D	N.D	Mo
Triphenyl Tin(TPhT)	0.2		N.D	N.D	
Sum of Or	ganic Tins	12	N.D	N.D	
1.0	Conclusion(s)		PASS	PASS	

mg/kg = milligram per kilogram (ppm). Note:

- "--" = Not Applicable.
- N.D. = Not Detected (< RL).
- 4.
- ்டி" = The migration of organic tin is expressed as tributyltin.

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Test Material List

The following materials apply only to the samples submitted for chemical testing

Material No.	Description	Location
MIDE	Dark blue solid	Body
2	Orange solid	Body
3	Yellow solid	Body
4	Rose red solid	Body
5	White solid	Body
6	Dark orange solid	Body
70	Red solid	Body
8	Brown solid	Body
9	Dark gray solid	Body
10	Nude solid	Body
11	Gray solid	Body
12	Green solid	Body
13	Purple solid	Body
14	Dark yellow solid	Body
15	Dark red solid	Body
16	Dark green solid	Body
17	White plastic	Base
18	Transparent plastic	Cover



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Model / sample name:

Yellow ink pad	CE6614	Set of 12 ink pads
Orange ink pad	CE6615	Set of 10 ink pads
Green ink pad	CE6616	Set of 4 ink pads
Blue ink pad	CE6617	Set of 4 ink pads
Red ink pad	CE6618	Set of 4 ink pads
Black ink pad	CE6620	Vivid Orange ink pad
Purple ink pad	CE6621	Vivid Green ink pad
Pink ink pad	CE6622	Vivid Pink ink pad
Brown ink pad	CE6623	Vivid Yellow ink pad
White ink pad	CE6625	Silver ink pad
Gold ink pad	CE6646	Rainbow ink pad
	Orange ink pad Green ink pad Blue ink pad Red ink pad Black ink pad Purple ink pad Pink ink pad Brown ink pad White ink pad	Orange ink pad CE6615 Green ink pad CE6616 Blue ink pad CE6617 Red ink pad CE6618 Black ink pad CE6620 Purple ink pad CE6621 Pink ink pad CE6622 Brown ink pad CE6623 White ink pad CE6625

Photo(s) of Sample(s):



End of Report

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