

Test Report

No. NGBTY1400393702 A01

Date: 03 Apr 2014

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DISTRIBUIDORA UNIVERSAL SA (DUNSA) C/JOSEP MARIA SERT, 17 3A PLANTA

THIS REPORT IS TO SUPERSEDE TEST REPORT No. NGBTY1400393701 DATE: 2014/03/21

The following sample(s) was/were submitted and identified on behalf of the clients as : STANDARD INSTANT-PLAYCOLOR (ONE AND POCKET)

SGS Job No. :

NBTY201400609 - NB

Style No.:

WHITE, YELLOW-1, ORANGE, RED, PINK, GREEN-1, GREEN-2, BLUE-1, BLUE-2, VIOLET-1, BROWN, BLACK, FLESH, GARNET, TURQUOISE, SANGUINE, OCHER, G

REY, YELLOW-2, YELLOW-3, VIOLET-2, TOBACCO, FUCHSIA, BLUISH GREY

Date of Sample Received:

12 Mar 2014

Testing Period:

12 Mar 2014 - 21 Mar 2014

Test Requested:

Selected test(s) as requested by client.

Test Method:

Please refer to next page(s).

Test Results:

Please refer to next page(s).

Result Summary:

Test Requested	Conclusion
EN 71-3:2013 under European Directive 2009/48/EC- Migration of certain	See Results
elements (for dry, brittle, powder-like or pliable toy material)	

Remark: It is requested by applicant, only the selected material(s) in the submitted sample was (were) tested, the detail of tested material(s) is (are) listed in specimen description in the result page(s)

Signed for and on behalf of SGS-CSTC Ltd.

Iris Xiao

Approved Signatory



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Test Results:

Test Part Description:

Specimen No.	SGS Sample ID	Description
SN1	NGB14-003937.001	Brown water painting stick
SN2	NGB14-003937.002	Ocher water painting stick
SN3	NGB14-003937.003	Orange water painting stick
SN4	NGB14-003937.004	Turquoise water painting stick
SN5	NGB14-003937.005	Bluish grey water painting stick
SN6	NGB14-003937.006	Light yellow water painting stick (Yellow-1)
SN7	NGB14-003937.007	Yellow water painting stick (Yellow-2)
SN8	NGB14-003937.008	Deep yellow water painting stick (Yellow-3)
SN9	NGB14-003937.009	Green water painting stick (Green-1)
SN10	NGB14-003937.010	Deep green water painting stick (Green-2)
SN11	NGB14-003937.011	Blue water painting stick (Blue-1)
SN12	NGB14-003937.012	Dark blue water painting stick (Blue-2)
SN13	NGB14-003937.013	Light violet water painting stick (Violet-1)
SN14	NGB14-003937.014	Violet water painting stick (Violet-2)
SN15	NGB14-003937.015	Tobacco water painting stick
SN16	NGB14-003937.016	Grey water painting stick
SN17	NGB14-003937.017	Black water painting stick
SN18	NGB14-003937.018	White water painting stick
SN19	NGB14-003937.019	Apricot water painting stick (Flesh)
SN20	NGB14-003937.020	Fuchsia water painting stick
SN21	NGB14-003937.021	Pink water painting stick
SN22	NGB14-003937.022	Garnet water painting stick
SN23	NGB14-003937.023	Sanguine water painting stick
SN24	NGB14-003937.024	Red water painting stick

Remarks:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

EN 71-3:2013 under European Directive 2009/48/EC- Migration of certain elements (for dry. brittle. powder-like or pliable toy material)



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Test Method: With reference to EN 71-3:2013, analysis was performed by ICP-MS.

Soluble Organic Tin was analyzed by GC-MS.

Soluble Chromium (VI) was analyzed by IC-ICP-MS.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>	<u>002</u>	003
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	ND	ND
Soluble Lead (Pb)	13.5	mg/kg	0.5	ND	ND	ND
Soluble Antimony (Sb)	45	mg/kg	1	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	0.5	ND	ND	ND
Soluble Barium (Ba)	1500	mg/kg	50	83	ND	ND
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	4500	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	5625	mg/kg	50	66	62	ND
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
^Dibutyl tin (DBT)	3.03	mg/kg	0.14	ND	ND	ND
^Tributyl tin (TBT)		mg/kg	0.14	ND	ND	ND
^n-Octyl tin (MOT)	50	mg/kg	0.14	ND	ND	ND
^Di-n-octyl tin (DOT)	-	mg/kg	0.14	ND	ND	ND
^Methyl tin (MeT)	31	mg/kg	0.14	ND	ND	ND
^Di-n-propyl tin (DProT)	:=	mg/kg	0.14	ND	ND	ND
^TetrabutyI tin (TeBT)	ia.	mg/kg	0.14	ND	ND	ND
^Diphenyl tin (DPhT)	€.	mg/kg	0.14	ND	ND	ND
^Triphenyl tin (TPhT)	-	mg/kg	0.14	ND	ND	ND
^Butyl tin (BuT)		mg/kg	0.14	ND	ND	ND
Sum of Soluble Organic Tin	0.9	mg/kg	-	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>004</u>	<u>005</u>	<u>006</u>
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	ND	ND
Soluble Lead (Pb)	13.5	mg/kg	0.5	ND	ND	ND
Soluble Antimony (Sb)	45	mg/kg	1	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	0.5	ND	ND	ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>004</u>	<u>005</u>	<u>006</u>
Soluble Barium (Ba)	1500	mg/kg	50	217	187	ND
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	4500	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	5625	mg/kg	50	136	105	ND
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
^Dibutyl tin (DBT)	-	mg/kg	0.14	ND	ND	ND
^Tributyl tin (TBT)	7.E.	mg/kg	0.14	ND	ND	ND
^n-Octyl tin (MOT)	-	mg/kg	0.14	ND	ND	ND
^Di-n-octyl tin (DOT)		mg/kg	0.14	ND	ND	ND
^Methyl tin (MeT)	**	mg/kg	0.14	ND	ND	ND
^Di-n-propyl tin (DProT)	-	mg/kg	0.14	ND	ND	ND
^Tetrabutyl tin (TeBT)		mg/kg	0.14	ND	ND	ND
^Diphenyl tin (DPhT)	-	mg/kg	0.14	ND	ND	ND
^Triphenyl tin (TPhT)	(*)	mg/kg	0.14	ND	ND	ND
^Butyl tin (BuT)	85	mg/kg	0.14	ND	ND	ND
Sum of Soluble Organic Tin	0.9	mg/kg	-	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>007</u>	<u>008</u>	<u>009</u>
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	ND	ND
Soluble Lead (Pb)	13.5	mg/kg	0.5	ND	ND	ND
Soluble Antimony (Sb)	45	mg/kg	1	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	0.5	ND	ND	ND
Soluble Barium (Ba)	1500	mg/kg	50	ND	ND	ND
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	007	<u>008</u>	<u>009</u>
Soluble Strontium (Sr)	4500	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	5625	mg/kg	50	ND	ND	ND
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
^Dibutyl tin (DBT)		mg/kg	0.14	ND	ND	ND
^Tributyl tin (TBT)	×	mg/kg	0.14	ND	ND	ND
^n-Octyl tin (MOT)	≅	mg/kg	0.14	ND	ND	ND
^Di-n-octyl tin (DOT)	*	mg/kg	0.14	ND	ND	ND
^Methyl tin (MeT)	-	mg/kg	0.14	ND	ND	ND
^Di-n-propyl tin (DProT)	*	mg/kg	0.14	ND	ND	ND
^Tetrabutyl tin (TeBT)	亲	mg/kg	0.14	ND	ND	ND
^Diphenyl tin (DPhT)	-	mg/kg	0.14	ND	ND	ND
^Triphenyl tin (TPhT)	*1	mg/kg	0.14	ND	ND	ND
^Butyl tin (BuT)	-	mg/kg	0.14	ND	ND	ND
Sum of Soluble Organic Tin	0.9	mg/kg	-	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>010</u>	<u>011</u>	<u>012</u>
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	ND	ND
Soluble Lead (Pb)	13.5	mg/kg	0.5	ND	ND	ND
Soluble Antimony (Sb)	45	mg/kg	1	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	0.5	ND	ND	ND
Soluble Barium (Ba)	1500	mg/kg	50	ND	ND	ND
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	4500	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (AI)	5625	mg/kg	50	ND	ND	ND
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
^Dibutyl tin (DBT)	2.	mg/kg	0.14	ND	ND	ND
^Tributyl tin (TBT)	5	mg/kg	0.14	ND	ND	ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>010</u>	<u>011</u>	<u>012</u>
^n-Octyl tin (MOT)	ş	mg/kg	0.14	ND	ND	ND
^Di-n-octyl tin (DOT)	_	mg/kg	0.14	ND	ND	ND
^Methyl tin (MeT)	£	mg/kg	0.14	ND	ND	ND
^Di-n-propyl tin (DProT)	_	mg/kg	0.14	ND	ND	ND
^Tetrabutyl tin (TeBT)	*	mg/kg	0.14	ND	ND	ND
^Diphenyl tin (DPhT)	2	mg/kg	0.14	ND	ND	ND
^Triphenyl tin (TPhT)		mg/kg	0.14	ND	ND	ND
^Butyl tin (BuT)	4)	mg/kg	0.14	ND	ND	ND
Sum of Soluble Organic Tin	0.9	mg/kg	8	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>013</u>	<u>014</u>	<u>015</u>
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	ND	ND
Soluble Lead (Pb)	13.5	mg/kg	0.5	ND	ND	ND
Soluble Antimony (Sb)	45	mg/kg	1	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	0.5	ND	ND	ND
Soluble Barium (Ba)	1500	mg/kg	50	ND	ND	157
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	4500	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	5625	mg/kg	50	110	ND	117
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
^Dibutyl tin (DBT)	% €	mg/kg	0.14	ND	ND	ND
^Tributyl tin (TBT)	350	mg/kg	0.14	ND	ND	ND
^n-Octyl tin (MOT))(0)	mg/kg	0.14	ND	ND	ND
^Di-n-octyl tin (DOT)	(2)	mg/kg	0.14	ND	ND	ND
^Methyl tin (MeT)	(2)	mg/kg	0.14	ND	ND	ND
^Di-n-propy! tin (DProT)	36	mg/kg	0.14	ND	ND	ND
^Tetrabutyl tin (TeBT)	: 5 5	mg/kg	0.14	ND	ND	ND
^Diphenyl tin (DPhT)	-	mg/kg	0.14	ND	ND	ND
^Triphenyl tin (TPhT)	27	mg/kg	0.14	ND	ND	ND
^Butyl tin (BuT)	-	mg/kg	0.14	ND	ND	ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>013</u>	<u>014</u>	<u>015</u>
Sum of Soluble Organic Tin	0.9	mg/kg	-	ND	ND	ND
Tool Hom(a)						
Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>016</u>	<u>017</u>	<u>018</u>
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	ND	ND
Soluble Lead (Pb)	13.5	mg/kg	0.5	ND	1.5	ND
Soluble Antimony (Sb)	45	mg/kg	1	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	0.5	ND	ND	ND
Soluble Barium (Ba)	1500	mg/kg	50	165	ND	151
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	4500	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	5625	mg/kg	50	121	ND	466
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
^Dibutyl tin (DBT)		mg/kg	0.14	ND	ND	ND
^Tributyl tin (TBT)	85	mg/kg	0.14	ND	ND	ND
^n-Octyl tin (MOT)		mg/kg	0.14	ND	ND	ND
^Di-n-octyl tin (DOT)	(40)	mg/kg	0.14	ND	ND	ND
^Methyl tin (MeT)	-	mg/kg	0.14	ND	ND	ND
[^] Di-n-propyl tin (DProT)	*	mg/kg	0.14	ND	ND	ND
^Tetrabutyl tin (TeBT)	(a)	mg/kg	0.14	ND	ND	ND
^Diphenyl tin (DPhT)	_	mg/kg	0.14	ND	ND	ND
^Triphenyl tin (TPhT)		mg/kg	0.14	ND	ND	ND
^Butyl tin (BuT)	-	mg/kg	0.14	ND	ND	ND
Sum of Soluble Organic Tin	0.9	mg/kg	-	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>019</u>	020	021
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	<i>020</i> ND	<u>021</u>
Soluble Lead (Pb)	13.5	mg/kg				ND
Soluble Antimony (Sb)	45		0.5	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	1	ND	ND	ND
Soluble Barium (Ba)		mg/kg	0.5	ND	ND	ND
Colubio Dallatti (Da)	1500	mg/kg	50	ND	ND	ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>019</u>	<u>020</u>	<u>021</u>
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	4500	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	54	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (AI)	5625	mg/kg	50	86	ND	150
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
^Dibutyl tin (DBT)	2	mg/kg	0.14	ND	ND	ND
^Tributyl tin (TBT)	*	mg/kg	0.14	ND	ND	ND
^n-Octyl tin (MOT)	23	mg/kg	0.14	ND	ND	ND
^Di-n-octyl tin (DOT)	E.1	mg/kg	0.14	ND	ND	ND
^Methyl tin (MeT)	£3	mg/kg	0.14	ND	ND	ND
^Di-n-propyl tin (DProT)	-	mg/kg	0.14	ND	ND	ND
^Tetrabutyl tin (TeBT)		mg/kg	0.14	ND	ND	ND
^Diphenyl tin (DPhT)	-	mg/kg	0.14	ND	ND	ND
^Triphenyl tin (TPhT)	LE:	mg/kg	0.14	ND	ND	ND
^Butyl tin (BuT)	i e	mg/kg	0.14	ND	ND	ND
Sum of Soluble Organic Tin	0.9	mg/kg	-	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>022</u>	<u>023</u>	<u>024</u>
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	ND	ND
Soluble Lead (Pb)	13.5	mg/kg	0.5	ND	ND	ND
Soluble Antimony (Sb)	45	mg/kg	1	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	0.5	ND	ND	ND
Soluble Barium (Ba)	1500	mg/kg	50	ND	117	ND
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	4500	mg/kg	50	86	79	94



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>022</u>	<u>023</u>	<u>024</u>
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (AI)	5625	mg/kg	50	ND	134	ND
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
^Dibutyl tin (DBT)		mg/kg	0.14	ND	ND	ND
^Tributyl tin (TBT)	1	mg/kg	0.14	ND	ND	ND
⁴ n-Octyl tin (MOT)	-	mg/kg	0.14	ND	ND	ND
^Di-n-octyl tin (DOT)	34	mg/kg	0.14	ND	ND	ND
^Methyl tin (MeT)	_	mg/kg	0.14	ND	ND	ND
^Di-n-propyl tin (DProT)	3	mg/kg	0.14	ND	ND	ND
^Tetrabutyl tin (TeBT)	9	mg/kg	0.14	ND	ND	ND
^Diphenyl tin (DPhT)	_	mg/kg	0.14	ND	ND	ND
^Triphenyl tin (TPhT)	ž.	mg/kg	0.14	ND	ND	ND
^Butyl tin (BuT)	-	mg/kg	0.14	ND	ND	ND
Sum of Soluble Organic Tin	0.9	mg/kg	~	ND	ND	ND

Notes:

(1) ^ means the Organic Tin specified in EN 71-3:2013 and it is analyzed by GC-MS Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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(in accordance with Regulation (EU) No 453/2010)

Playcolor-Instant Playcolor - (Standard / Metallic / Fluo / Textil / Genius)



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SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name:

Instant Playcolor - (Standard / Metallic / Fluo / Textil / Genius)

Product Code:

Playcolor

1.2 Relevant identified uses of the mixture and uses advised against.

Solid poster paint for drawing and painting

1.3 Details of the supplier of the safety data sheet.

Company:

Distribuidora Universal, S.A.

Address:

c/ Josep Ma Sert, 17

City:

08530 La Garriga (BCN)

Province:

BARCELONA

Telephone:

+34 93 849 38 41

Fax: E-mail: +34 93 840 93 01 dunsa@dunsa.es

1.4 Emergency telephone number: +34 93 849 38 41 (Only available during office hours)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

The product is not classified as hazardous within the meaning of Directive 1999/45/EC.

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

2.2 Label elements

The preparation is not classified as hazardous according to the Regulation on classification, packing and labelling of hazardous preparations.

2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

This mixture does not contain substances that pose a danger to health or the environment in accordance with the Hazardous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, are not assigned a Community exposure limit in the workplace, and are not classified as PBT/vPvB or included in the Candidate List.

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

Inhalation

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

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Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed.

No known acute or delayed effects from exposure to the product.

4.3 Indication of any immediate medical attention and special treatment needed.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

5.1 Extinguishing media.

Recommended extinguishing methods.

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, disterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The product does not require special handling measures, the following general measures are recommended:

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers. In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

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The product does not require special storage measures.

As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidising agents and from highly acidic or alkaline materials.

Store the containers between 5 and 35° C, in a dry and well-ventilated place.

Store according to local legislation. Observe indications on the label.

7.3 Specific end use(s).

Para pintar sobre papel, cartulina, madera, cartón, etc. Aplicación directa sin necesidad de añadir agua. No arruga el papel, no necesita barniz.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system. **Breathing protection:**

If the recommended technical measures are observed, no individual protection equipment is necessary. **Hand protection:**

If the product is handled correctly, no individual protection equipment is necessary. **Eve protection:**

If the product is handled correctly, no individual protection equipment is necessary.

Skin protection:

PPE: Work footwear.

Characteristics: «CE» marking, category II. CEN standards: EN ISO 13287, EN 20347

Maintenance: This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.

Observations: Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: N.A./N.A. Odour: Característico Odour threshold: N.A./N.A. pH:10,0 - 11,0 Melting point: N.A./N.A. Boiling Point: 100 ℃ Flash point: N.A./N.A. Evaporation velocity: N.A./N.A. Inflammability (solid, gas): N.A./N.A. Lower Explosive Limit: N.A./N.A. Upper Explosive Limit: N.A./N.A. Vapour pressure: N.A./N.A.

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Vapour density: N.A./N.A.

Relative density: 1,05 - 1,15 g/cm3

Solubility: N.A./N.A. Liposolubility: N.A./N.A. Hydrosolubility: N.A./N.A.

Partition coefficient (n-octanol/water): N.A./N.A.

Auto-ignition temperature: N.A./N.A. Decomposition temperature: N.A./N.A.

Viscosity: N.A./N.A.

Explosive properties: N.A./N.A. Oxidizing properties: N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product

9.2. Other information.

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid temperatures near or above the flash point. Do not heat closed containers.

10.5 Incompatible materials.

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and reversible damage.

No information is available regarding the toxicity of the substances present.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

No information is available regarding the ecotoxicity of the substances present.

12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potencial.

No information is available regarding the bioaccumulation of the substances present.

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

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12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13 DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number.

Transportation is not dangerous.

14.2 UN proper shipping name.

Transportation is not dangerous.

14.3 Transport hazard class(es).

Transportation is not dangerous.

14.4 Packing group.

Transportation is not dangerous.

14.5 Environmental hazards.

Transportation is not dangerous.

14.6 Special precautions for user.

Transportation is not dangerous.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

Transportation is not dangerous.

SECTION 15: REGULATORY INFORMATION.

15.1 Safety, health and environmental regulations/legislation specific for the mixture.

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

15.2 Chemical safety assessment.

There has been no evaluation a chemical safety assessment of the product.

SECTION 16: OTHER INFORMATION.

It is recommended that the product only be employed for the purposes advised.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

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The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.