

APPLICATION FOR SAFETY OF TOYS DIRECTIVE

On Behalf of

Nanjing Feeling Rubber & Plastic Produces Co., Ltd

EPDM Rubber Granule

Prepared For : Nanjing Feeling Rubber & Plastic Produces Co.,
Ltd
QIAOLIN INDUSTRIAL PARK, LANHUA ROAD
NO.11, PUKOU DISTRICT, NANJING, CHINA

Prepared By : Beide (UK) Product Service Limited

U.K.: Flat 107, 25 Indescon Square, London, United
Kingdom

China: 6F, Bldg E, Hourui 3rd Ind Zone, Xixiang,
Bao'an Dist, Shenzhen, China

Date of Test : **May.24-30,2016**

Date of Report : **May.31,2016**

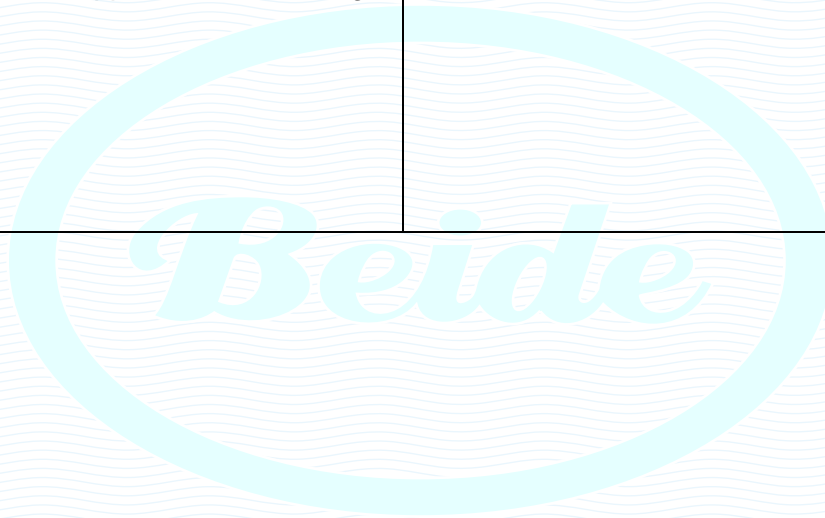
Report Number : **B-S16059897**

Safety of Toys Report EN 71 Part 3: Migration of certain elements	
Testing laboratory	Beide (UK) Product Service Limited
Address	China: 6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao'an Dist, Shenzhen, China
Report body	Beide (UK) Product Service Limited
Address (U.K.)	Flat 107, 25 Indescon Square, London, United Kingdom
Address (China)	China: 6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao'an Dist, Shenzhen, China
Applicant	Nanjing Feeling Rubber & Plastic Produces Co., Ltd
Address	QIAOLIN INDUSTRIAL PARK, LANHUA ROAD NO.11, PUKOU DISTRICT, NANJING, CHINA
Client No.	00254186
Standard	EN 71-3: 2013+A1:2014
Test Result	Compliance with EN 71-3: 2013+A1:2014
Non-standard test method	N.A.
Type of test object	EPDM Rubber Granule
Trademark	N.A.
Model/type reference	N.A.
Manufacturer	Nanjing Feeling Rubber & Plastic Produces Co., Ltd.
Address	QIAOLIN INDUSTRIAL PARK, LANHUA ROAD NO.11, PUKOU DISTRICT, NANJING, CHINA

Possible test case verdicts :	
test case does not apply to the test object	: N(.A.)
test object does meet the requirement	: P(ass)
test object does not meet the requirement	: F(ail)
Name and address of the testing laboratory:	
<p><u>Beide (UK) Product Service Limited</u> <u>6F, Bldg E, Hourui 3rd Ind Zone, Xixiang,</u> <u>Bao'an Dist, Shenzhen, China</u></p>	
Reported by :	<p><i>Rocky</i> _____ Signature / Rocky</p> <p>_____ May.31,2016 Date</p>
Checked by :	<p><i>Apollo</i> _____ Signature / Apollo</p> <p>_____ May.31,2016 Date</p>
Approved by :	<p><i>Bruce</i> _____ Signature / Bruce</p> <p>_____ May.31,2016 Date</p>



General remarks:	
<p>"(see remark #)" refers to a remark appended to the report.</p> <p>"(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a comma is used as the decimal separator.</p> <p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced except in full without the written approval of the testing laboratory.</p>	<p>Attached with:</p> <p>1. photo documentation.</p> <p>Remark:</p>



EN 71-3			
Clause	Requirement – Test	Result - Remark	Verdict

Test value form of element migration from ‘EPDM Rubber Granule’

Results according to **EN 71-3: 2013+A1:2014**-Migration of certain elements

Elements	Category I		Category II		Category III	
	Limit (mg/kg)	Result (mg/kg)	Limit (mg/kg)	Result (mg/kg)	Limit (mg/kg)	Result (mg/kg)
Aluminium	5625	N.A.	1406	BL	70000	BL
Antimony)	45	N.A.	11.3	BL	560	BL
Arsenic	3.8	N.A.	0.9	BL	47	BL
Barium (Cd)	1500	N.A.	375	BL	18750	BL
Boron	1200	N.A.	300	BL	15000	BL
Cadmium	1.3	N.A.	0.3	BL	17	BL
Chromium(III)	37.5	N.A.	9.4	BL	460	BL
Chromium(VI)	0.02	N.A.	0.005	BL	0.2	BL
Cobalt	10.5	N.A.	2.6	BL	130	BL
Copper	622.5	N.A.	156	BL	7700	BL
Lead	13.5	N.A.	3.4	BL	160	BL
Manganese	1200	N.A.	300	BL	15000	BL
Mercury	7.5	N.A.	1.9	BL	94	BL
Nickel	75	N.A.	18.8	BL	930	BL
Selenium	37.5	N.A.	9.4	BL	460	BL
Strontium	4500	N.A.	1125	BL	56000	BL
Tin	15000	N.A.	3750	BL	180000	BL
Organic tin	0.9	N.A.	0.2	BL	12	BL
Zinc	3750	N.A.	938	BL	46000	BL

NOTE:

(Results shown are of the total weight on samples)

BL= Below Limit

N.A.= Not Applicable

-mg/kg = Milligram per Kilogram Based On Dry Weight of Sample

EN 71-3			
Clause	Requirement – Test	Result - Remark	Verdict

Toy material categories

Toy Material	Category I	Category II	Category III
Coatings of paints, varnishes, lacquers, printing inks, polymers, foams and similar coatings	-	-	Y
Polymeric and similar materials, including laminates, whether textile reinforced or not, but excluding other textiles	-	-	Y
Paper and paper board	-	-	N
Textiles, whether natural or synthetic	-	-	N
Glass, ceramic, metallic materials	-	-	N
Other materials whether mass coloured or not (e.g. wood, fibre board, hard board, bone and leather)	-	-	N
Compressed paint tablets, materials intended to leave a trace or similar materials in solid form appearing as such in the toy (e.g. the cores of colouring pencils, chalk, crayons)	N	-	-
Pliable modelling materials, including modelling clays and plaster [3]	N	-	-
Liquid paints, including finger paints, varnishes, lacquers, liquid ink in pens and similar materials in liquid form appearing as such in the toy (e.g., slimes, bubble solution)	-	N	-
Glue sticks	-	N	-

Note: “ Y“ meas “Contain such substances“
 “ N“ meas “ Not Contain such substances“
 “ -“ meas “ Not belong to this class material“

Appendix 1

Photo view of EPDM Rubber Granule

