



ANJI GUYOU FURNITURE CO.,LTD

Technical Report: (8821)148-0082

Jun 9, 2021

Date Received: May 28, 2021

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ANJI GUYOU FURNITURE CO.,LTD
BAISHUIWAN INDUSTRY ZONE, TIANHUANGPING
TOWN, ANJI COUNTY, ZHEJIANG, CHINA 313300

Sample Description:	PLASTIC	Sample Size:	1
Vendor:	N/A	Style No(s):	NOT PROVIDE
Manufacturer:	N/A	SKN/SKU No.:	NOT PROVIDE
Labeled Age Grade:	NOT RECORD	PO No.:	NOT PROVIDE
Appropriate Age Grade:	NOT REQUESTED	Ref #:	NOT PROVIDE
Client Specified Age Grade:	NOT SPECIFIED		
Tested Age Grade:	N/A	Country of Origin:	NOT PROVIDE
UPC Code:	N/A	Assortment No.:	NOT PROVIDE
Test Starting Date:	MAY 28, 2021	Test Finished Date:	JUN 9, 2021

EXECUTIVE SUMMARY:

The tested component sample(s) MEETS the following requirement(s):

- Short Chain Chlorinated Paraffins (SCCP) Content - European Parliament and Council Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POPs), Annex I, Part A.
- The polycyclic aromatic hydrocarbons (PAHs) content requirement of European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 50, Paragraph 5 and 6.
- Hexabromocyclododecane (HBCDDs) Content - European Parliament and Council Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POPs), Annex I, Part A.

To be continued



BUREAU VERITAS SHENZHEN CO.,LTD
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REMARK

If there are questions or concerns on this report, please contact the following persons:

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EXECUTIVE SUMMARY:

The tested component sample(s) MEETS the following requirement(s):

- The DBT, DOT and tri-substituted organostannic compound content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 20 (4, 5 & 6).

Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).

Note: The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed.

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Black soft plastic	Barrel	-
I002	Dull black plastic	Pedestal	-
I003	White PVC	Wheels	-



RESULTS:

Short Chain Chlorinated Paraffins (SCCP) Content - European Parliament and Council Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POPs), Annex I, Part A

Test Method : Solvent extraction and then analyzed by Gas Chromatograph Mass Spectrometer Negative Chemical Ionization (GC-MS/NCI).

Limit :	1500 mg/kg
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Test Item(s)	Result	Unit	Conclusion
	SCCP		
I001+I002+I003	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit: 30 mg/kg

Remark:

Plastics and leather material(s) of product(s) are applicable to be tested only.



RESULTS:

Polycyclic Aromatic Hydrocarbons (PAHs) Content – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 50, Paragraph 5 and 6

Test Method : German AfPS GS 2019:01 PAK

Maximum Allowable Limit:	Type I	Articles includes amongst others: - sport equipment such as bicycles, golf clubs, racquets - household utensils, trolleys, walking frames tools for domestic use - clothing, footwear, gloves and sportswear - watch-straps, wrist-bands, masks, head-bands 1 mg/kg (Each of all listed PAHs)
	Type II	Toys, including activity toys, and childcare articles 0.5 mg/kg (Each of all listed PAHs)

Tested Item(s)	Type	Result			Conclusion
		Detected Analyte(s)	Conc.	Unit	
I001+I002+I003	I	ND	ND	mg/kg	PASS

Note / key:

ND = Not detected ">" = Greater than Conc. = Concentration
 mg/kg = milligram(s) per kilogram
 Detection Limit (mg/kg): Each PAHs: 0.2;

Remark:

- The list of polycyclic aromatic hydrocarbons is summarized in table of Appendix.

APPENDIX:

List of Polycyclic Aromatic Hydrocarbons:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Benzo[a]pyrene (BaP)	50-32-8	5	Benzo[b]fluoranthene (BbFA)	205-99-2
2	Benzo[e]pyrene (BeP)	192-97-2	6	Benzo[j]fluoranthene (BjFA)	205-82-3
3	Benzo[a]anthracene (BaA)	56-55-3	7	Benzo[k]fluoranthene (BkFA)	207-08-9
4	Chrysene (CHR)	218-01-9	8	Dibenzo[a,h]anthracene (DBAhA)	53-70-3



RESULTS:

Hexabromocyclododecane (HBCDDs) Content - European Parliament and Council Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POPs), Annex I, Part A

Test Method : Solvent extraction and then analyzed by Liquid Chromatograph Mass Spectrometer (LC-MS).

Limit:	100 mg/kg
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Test Item(s)	Result	Unit	Conclusion
	HBCDD		
I001+I002+I003	ND	mg/kg	PASS

Note / key:

ND = Not detected mg/kg = milligram(s) per kilogram Detection Limit: 5 mg/kg

Remark:

Plastic and textile materials of products treated with flame retardants and their flame-retarded parts are applicable to be tested.



RESULTS:

**DBT, DOT and TRI-Substituted Organostannic Compound – European Regulation (EC) No. 1907/2006
 REACH Annex XVII, Item no. 20 (4, 5 & 6)**

Test Method : In house test method (ICP screening / GC-MS analysis)

Test Parameter:	Tri-substituted Organotin compound	DBT	DOT	
Limit (% by weight of tin):	0.1	0.1	0.1	
Test Item(s)	Result (%)			Conclusion
Type I & II & III:				
I001+I002+I003	ND	ND	ND	PASS

Detection Limit : Results reported in percentage
 DBT = Dibutyltin (0.01% by weight of tin) LT = Less than
 DOT = Dioctyltin (0.01% by weight of tin) ND = None detected

Remark:
 - This list of Organotin compound is summarized in table of appendix.



RESULTS:

APPENDIX:

List of Organotin compound			
Type	Name of Analyte	Type	Name of Analyte
I	Tri-substituted Organotin compound - Tripropyltin(TPT) - Tributyltin (TBT) - Trioctyl tin(TOT) - Triphenyltin (TPhT) - Tricyclohexyltin(TcyT)	III	Diocetyl tin
II	Dibutyltin (DBT)	-	-

List of sample type	
Type	Description
I	Articles, or part thereof, placed on the market after 1 July 2010
II	Mixtures of articles, or part thereof, placed on the market after 1 January 2012, except materials and articles regulated under Regulation (EC) No 1935/2004; and For the following mixtures or articles, or part thereof, placed on the market after 1 January 2015, - one-component and two-component room temperature vulcanization sealants (RTV-1 and RTV-2 sealants) and adhesives - paints and coatings containing DBT compounds as catalysts when applied on articles, - soft polyvinyl chloride (PVC) profiles whether by themselves or coextruded with hard PVC, - fabrics coated with PVC containing DBT compounds as stabilisers when intended for outdoor application, - outdoor rainwater pipes, gutters and fittings, as well as covering material for roofing and facades.
III	Articles, or part thereof, placed on the market after 1 January 2012, - textile articles intended to come into contact with the skin, - gloves, - footwear or part of footwear intended to come into contact with the skin, - wall and floor coverings, - childcare articles, - female hygiene products, - nappies, - two-component room temperature vulcanization moulding kits (RTV-2 moulding kits)

RESULTS:



END OF REPORT