
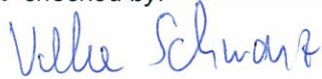


Prüfbericht - Nr.: Z088120803 <i>Test Report No.:</i>		Seite 1 von 5 <i>Page 1 of 5</i>	
Auftraggeber: <i>Client:</i>	KASINDA LTD. 5/F, Flat B-5, Po Yip Building, 62-70 Texaco Road, Tsuen Wan, Hong Kong		
Prüfgegenstand: <i>Test item:</i>	15 materials (Please refer to material list on page 2 and to photo on page 5.)		
Bezeichnung: <i>Identification:</i>	REGULAR CLAW, GOLD CLAW, MINI CLAW, GARDEN CLAW PREMIUM		
Anlieferungszustand: <i>Delivery condition:</i>	Einwandfrei, Prüfgegenstand getestet wie angeliefert Apparent good, Samples tested as received	Eingangsdatum: <i>Date of receipt:</i>	Dec. 11 th 2008
Prüfört: <i>Testing location:</i>	TÜV Rheinland (Shenzhen) Co. Ltd. - Industrial Products Testing Center		
Prüfgrundlage: <i>Test specification:</i>	Regulation (EC) No. 1907/2006: Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) <i>Article 33 – Duty to communicate information on substances in articles</i> 15 Candidate List of Substances of Very High Concern <i>ECHA/PR/08/38-REV</i>		
Prüfergebnis: <i>Test result:</i>	Please refer to Page 3~4.		
Gepprüft: <i>tested by:</i>	Kontrolliert: <i>checked by:</i>		
Jan. 05 th 2009 Julie Jiang Technical Support Supervisor Compiler		Jan. 05 th 2009 Volker Schwarz Project Manager	
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
			Name/Stellung <i>Name/Position</i>
			Unterschrift <i>Signature</i>
Sonstiges/ Other Aspects: Test period: Dec. 11 th 2008 – Dec. 20 th 2008			
Abkürzungen: ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar		Abbreviations: ok / P = passed fail / F = failed n.a. / N = not applicable	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>			



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1. Material list

Testing material No.	Component	Material	Colour
1	Claw and tube	Coating	Blue
2	Tube	Coating	Silvery
3	Tube	Coating	Red
4	Iron prong	Coating	Golden
5	Handle	Plastic	Red
6	Handle	Plastic	Yellow
7	Handle	Plastic	Golden
8	Stainless steel prong	Metal	Silvery
9	Iron tube	Metal	Silvery
10	Screw	Metal	Copper
11	Nut	Metal	Copper
12	Outer carton	Paper	Beige with grey letters
13	Yellow cardboard	Paper	Beige with yellow coating
14	Green cardboard	Paper	Beige with green coating
15	Colorful cardboard	Paper	Beige with multi-color(colors: yellow, green, black, pink, white, brown and white)

Testing sample No.	Testing required	Composition
REACH-1	Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)	1+2+3+4
REACH-2	Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)	5+6+7
REACH-3	Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)	8+9+10+11
REACH-4	Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)	12+13+14+15



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2. Test results

Test Method : In-house method –GC-MS-quantification of relevant SVHC (substances of very high concern) in material samples.

Method Detection limit: 50 mg/kg

Test sample No.			REACH-1	REACH-2
Parameter	CAS No.	Unit	Result	Result
Anthracene	120-12-7	mg/kg	N.D.	N.D.
5-tert-butyl-2,4,6-trinitro-m-xylene (musk-xylene)	81-15-2	mg/kg	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	mg/kg	N.D.	N.D.
4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	N.D.	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	N.D.	N.D.
Bis-(2-ethyl(hexyl)phthalate (DEHP)	117-81-7	mg/kg	N.D.	N.D.
Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	various	mg/kg	N.D.	N.D.

Test Method : Determination of chlorinated paraffins according to: Petroleum products and used oils-Determination of PCBs and related products – Part 1: Separation and determination of selected PCB congeners by gas chromatography (GC) using an electron capture detector (ECD); DIN 12766-1

Method Detection limit: 10 mg/kg

Test sample No.			REACH-1	REACH-2
Parameter	CAS No.	Unit	Result	Result
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	mg/kg	N.D.	N.D.

Test Method : In-house method –ICP-OES after decomposition for determination of relevant SVHC (substances of very high concern) in material samples

Method Detection limit: 50 mg/kg

Test sample No.			REACH-1	REACH-2
Parameter	CAS No.	Unit	Result	Result
Triethyl arsenate ¹⁾	15606-95-8	mg/kg	N.D.	N.D.
Diarsenic pentaoxide ¹⁾	1303-28-2	mg/kg	N.D.	N.D.
Diarsenic trioxide ¹⁾	1327-53-3	mg/kg	N.D.	N.D.
Lead hydrogen arsenate ¹⁾	7784-40-9	mg/kg	N.D.	N.D.
Sodium dichromate ²⁾	7789-12-0 10588-01-9	mg/kg	N.D.	N.D.
Cobalt dichloride ¹⁾	7646-79-9	mg/kg	N.D.	N.D.
Bis(tributyltin)oxide ¹⁾	56-35-9	mg/kg	N.D.	N.D.

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2. Test results

Test Method : In-house method –GC-MS-quantification of relevant SVHC (substances of very high concern) in material samples.

Method Detection limit: 50 mg/kg

Test sample No.			REACH-3	REACH-4
Parameter	CAS No.	Unit	Result	Result
Anthracene	120-12-7	mg/kg	N.D.	N.D.
5-tert-butyl-2,4,6-trinitro-m-xylene (musk-xylene)	81-15-2	mg/kg	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	mg/kg	N.D.	N.D.
4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	N.D.	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	N.D.	N.D.
Bis-(2-ethyl(hexyl)phthalate (DEHP)	117-81-7	mg/kg	N.D.	N.D.
Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	various	mg/kg	N.D.	N.D.

Test Method : Determination of chlorinated paraffins according to: Petroleum products and used oils-Determination of PCBs and related products – Part 1: Separation and determination of selected PCB congeners by gas chromatography (GC) using an electron capture detector (ECD); DIN 12766-1

Method Detection limit: 10 mg/kg

Test sample No.			REACH-3	REACH-4
Parameter	CAS No.	Unit	Result	Result
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	mg/kg	N.D.	

Test Method : In-house method –ICP-OES after decomposition for determination of relevant SVHC (substances of very high concern) in material samples

Method Detection limit: 50 mg/kg

Test sample No.			REACH-3	REACH-4
Parameter	CAS No.	Unit	Result	Result
Triethyl arsenate ¹⁾	15606-95-8	mg/kg	N.D.	N.D.
Diarsenic pentaoxide ¹⁾	1303-28-2	mg/kg	N.D.	N.D.
Diarsenic trioxide ¹⁾	1327-53-3	mg/kg	N.D.	N.D.
Lead hydrogen arsenate ¹⁾	7784-40-9	mg/kg	N.D.	N.D.
Sodium dichromate ²⁾	7789-12-0 10588-01-9	mg/kg	N.D.	N.D.
Cobalt dichloride ¹⁾	7646-79-9	mg/kg	68	N.D.
Bis(tributyltin)oxide ¹⁾	56-35-9	mg/kg	N.D.	N.D.

Remark:

- 1) The substances are tested in term of its respective elements (e.g. As, Pb)
- 2) The substances are tested in term of Cr (VI)

Notes:

- 50 mg/kg = 0.005% by weight in homogeneous materials
- N.D. = Not detected (lower than Method Detection Limit)



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