



Test Report

No. SHAEC1309215401

Date: 30 May 2013

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The following sample(s) was/were submitted and identified on behalf of the clients as : Silver beads

SGS Job No. : SP13-014242 - SH
Main Substance : Ag
Date of Sample Received : 20 May 2013
Testing Period : 20 May 2013 - 30 May 2013
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
Entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 94/27/EC and 2004/96/EC) – Nickel release	PASS

Signed for and on behalf of
SGS-CSTC Ltd.

JJ Fan
Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA13-092154.001	Silvery metal

Remarks :

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

Entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 94/27/EC and 2004/96/EC) – Nickel release

Test Method : As specified in EN 1811:2011+AC: 2012, analysis was performed by ICP-OES.

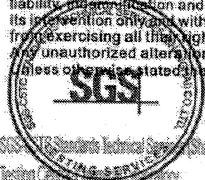
Test Item(s)	Limit	Unit	MDL	001
Volume of Test Solution	-	mL	-	3.30
Sample Area	-	cm ²	-	3.27
Nickel Release - Trial 1	0.5	µg/cm ² /w eek	0.1	ND
Nickel Release - Trial 2	0.5	µg/cm ² /w eek	0.1	ND
Nickel Release - Trial 3	0.5	µg/cm ² /w eek	0.1	ND

Conclusion PASS

Notes :

- (1) Max. limit specified by entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 94/27/EC and 2004/96/EC)

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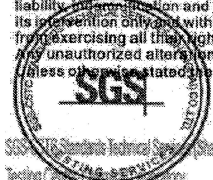
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Comments are given according to Annex A of EN1811:2011+AC: 2012 as below:

Type of sample	Nickel Release ($\mu\text{g}/\text{cm}^2/\text{week}$)		
	PASS	NO CLEAR DECISION*	FAIL
Article with Nickel release limit of $0.5\mu\text{g}/\text{cm}^2/\text{week}$	≤ 0.28	>0.28 and <0.88	≥ 0.88
Article with Nickel release limit of $0.2\mu\text{g}/\text{cm}^2/\text{week}$	≤ 0.11	>0.11 and <0.35	≥ 0.35

* No clear decision = Inconclusive

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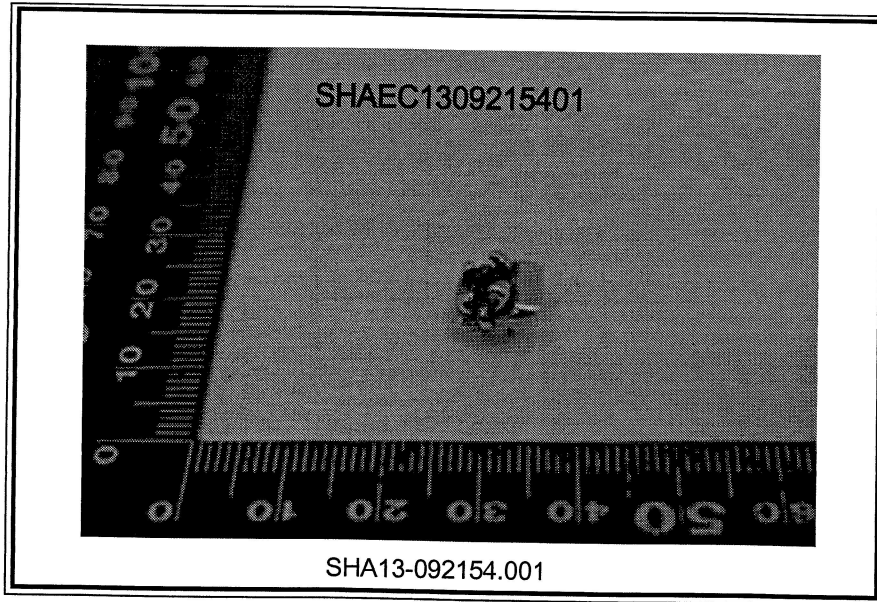
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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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