



CONSUMER PRODUCTS SERVICES DIVISION

FLASHBAY ELECTRONICS

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LEVIN
FLASHBAY ELECTRONICS
BLGD B & C XI FENG CHENG IND ZONE , NO.2
FUYUAN ROAD , HEPING VILLAGE , FUYONG TOWN ,
SHENZHEN

Sample Description:	MULTI TOOLS	Sample Size:	5
Vendor:	N/A	Style No(s):	KIT
Manufacturer:	N/A	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	N/A
Client Specified Age Grade:	N/A	Assortment No.:	N/A
Grade:			
Tested Age Grade:	N/A		
UPC Code:	N/A		

EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The nickel release (articles intended to come into direct and prolonged contact with the skin) requirement of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation 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. 27, Points 1(b) and (c).

BUREAU VERITAS SHENZHEN CO.,LTD

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Analytical Department

AC/lj



RESULTS:

Nickel Release Test - EEC Directive 1907/2006/EC

Tested Item	Trial	Surface Area (cm ²)	Volume of Test Solution (ml)	Result (µg/cm ² /week)		Limit (µg/cm ² /week)	Conclusion
				Nickel Release			
				Measure 1	Measure 2		
1	1	52.941	80	<0.05	<0.05	0.5	PASS
	2	52.941	80	<0.05	<0.05		
	3	52.941	80	<0.05	<0.05		

Tested Item 1: Silvery plated metal multi tools

Note: < = less than
 ml = millilitres
 cm² = square centimetres
 µg/cm²/week = micrograms per one square centimetre per week

Limit: Non-piercing post assemblies 0.5 µg/cm²/week,
 with consideration of combined expanded measurement uncertainty,
 PASS is <0.88 µg/cm²/week
 FAIL is ≥0.88 µg/cm²/week

Piercing post assemblies 0.2 µg/cm²/week
 with consideration of combined expanded measurement uncertainty,
 PASS is <0.35 µg/cm²/week
 FAIL is ≥0.35 µg/cm²/week

Method: European Standard BS EN 1811:2011+A1:2015 and BS EN 12472, reference test method for release of nickel from products intended to come into direct and prolonged contact with the skin.

RESULTS:

