

Technical Report: Date Received:	<b>(9615) 206-0224</b> JULY 25, 2015		AUGUST 04, 2015 Page 1 of 6
	DNG MAI KEO DAN VA NHUA TC OC B, PHUONG BINH CHUAN, T		
Sample Description: Vendor:	SON KINH MAU DEN NP 16 CN DNTN SAN XUAT THUONG MAI KEO DAN VA NHUA TONG HOP NGHIEP PHAT	Sample Size:	1
Manufacturer:	SON HOA VIET	VPN:	/
Buyer:	/	SKN/SKU No.:	/
Agent:	/		
Labeled Age Grade:	/	PO No.:	/
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	VIETNAM
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	/	Department No.:	/
Phase of Production:	/	ITEM#:	/
Color:	/	Date of Production:	/

#### TEST:

Program:

Previous No:

- ASTM D3359 Crosscut Adhesion test
- ASTM F963-11 Heavy Metal Content In Surface Coating

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- H-1009 Effect Of Heat Test
- Fira standard 6250-2005, Impact test

Country of Destination:

Model/Style#:

## **EXECUTIVE SUMMARY:**

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

- The heavy metals content in surface coating requirements of ASTM F963-11, "Standard Consumer Safety Specification for Toy Safety," Section 4.3.5.1(2).
- The requirement of the H-1009, Effect Of Heat Test.

The sample(s) was tested to the following requirement(s) and the data provided is for informational purposes only:

- The criteria requirement of coating adhesion test in test result table.
- The requirement of the Fira standard 6250-2005, Impact test.

N/A

#### Note(s):

This report includes the test result(s) which was conducted & reviewed by Analytical department.

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**BVCPS** Contact information for this report.

#### **Technical questions:**

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# BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.

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TERRY NGUYEN AUTHORIZE REPORT APPROVER



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# SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

Test Item(s)	Sample description/ Location	Material	Style(s)
1001 E	Black coating / Glass panel	Coating	-

TEST RESULT

# Total Heavy Metals Content - Initial Screening of ASTM International Standard ASTM F963-11, Section 4.3.5.1(2) for Soluble Heavy Metals Content in Surface Coating

Test Method : ASTM International Standard ASTM F963-11, Section 8.3.1 and Annex 7.

Total Element(s)	As	Ва	Cd	Cr	Hg	Pb	Sb	Se
Maximum Allowable Limit (mg/kg)	25	1000	75	60	60	90	60	500

-	Unit	Result	
Test Item(s)	-	1001	
Parameter	-	-	
Total Arsenic (As)	mg/kg	ND	
Total Barium (Ba)	mg/kg	ND	
Total Cadmium (Cd)	mg/kg	ND	
Total Chromium (Cr)	mg/kg	ND	
Total Mercury (Hg)	mg/kg	ND	
Total Lead (Pb)	mg/kg	ND	
Total Antimony (Sb)	mg/kg	ND	
Total Selenium (Se)	mg/kg	ND	
Conclusion	-	PASS	

Note / Key :

ND = Not detected	">" = Greater than	NR = Not requested
% = percent	g = gram(s)	
mg/kg = milligram(s) per kilogram = ppm	= part(s) per million	
Detection Limit (mg/kg) : Each (As, Cr &	Hg) : 10; Each (Ba & Se) : 40;	Each (Cd, Pb & Sb) : 20



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# RESULT(S):

Evaluation	tion Citation / Criteria		Results	Rating
Impact test	Fira standard 6250-2005	Steel ball bearing diameter 19.1mm will free fall to the sample from a height of 2m.	Grade 5	DATA
Adhesion test	ASTM D3359- 02 method B	Cutting pattern shall be 2mm x 2mm Record as data	Grade 4.0	DATA
Effects of heat	CPSD-HL- 01009-MTDH	24 hours @ 105 °C – No failure or visual change	M (No visual changes)	PASS

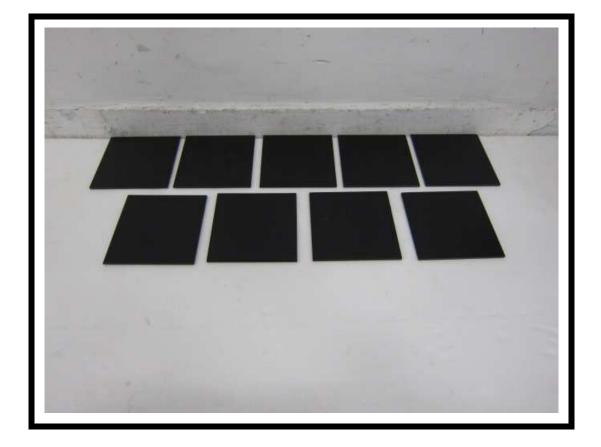
# Results Key:

М	Meets	NM	Does Not Meet
NA	Not Applicable	NT	Not Tested
С	Claimed	R	Recorded

	CLASSIFICATION OF ADHESION TEST RESULTS				
CLASSIFICATION	PERCENT AREA REMOVED	SURFACE OF CROSS-CUT AREA FROM WHICH FLAKING HAS OCCURRED FOR SIX PARALLEL CUTS AND ADHESION RANGE BY PERCENT			
58	0% None				
4B	Less than 5%				
3B	5 - 15%				
28	15 - 35%				
18	35 - 65%				
0B	Greater than 65%				

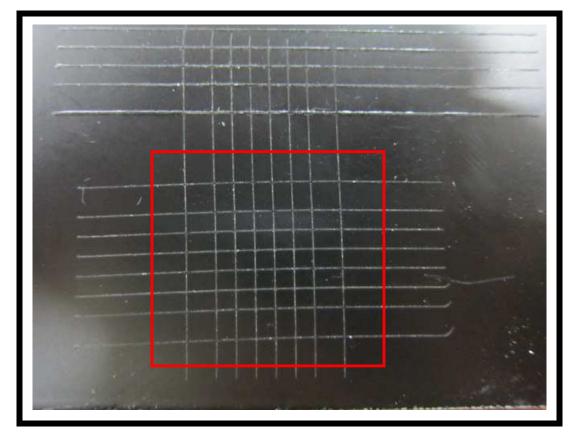


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ADHESION TEST