

Test Report

No. HKGEC1400222001

Date: 19 Mar 2014

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CERASOL HOLDINGS LIMITED

UNIT A1, 2/F., LEE ON INDUSTRIAL BUILDING

70 HUNG TO ROAD

KWUN TONG

HONG KONG

The following sample(s) was/were submitted and identified on behalf of the clients as : CERASOL CERAMIC COATING

SGS Job No. : 2550621 - HK

Colour : WHITE, BLACK, RED, GREEN, BLUE, YELLOW

Manufacturer : CERASOL HOLDINGS LTD.

Country of Origin : MADE IN KOREA

Date of Sample Received : 11 Mar 2014

Testing Period : 11 Mar 2014 - 19 Mar 2014

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).

Conclusion : Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of
SGS Hong Kong Limited.



Tam Lik To, Litto
Chemist

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	HKG14-002220.001	Multicolor Dry Paint

Remarks :

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

RoHS Directive 2011/65/EU

Test Method : (1) With reference to IEC 62321-5:2013 (Determination of Cadmium by ICP-OES/AAS).
 (2) With reference to IEC 62321-5:2013 (Determination of Lead by ICP-OES/AAS).
 (3) With reference to IEC 62321-4:2013 (Determination of Mercury by ICP-OES/AAS).
 (4) With reference to IEC 62321:2008 (Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis).
 (5) With reference to IEC 62321:2008 (Determination of PBBs and PBDEs by GC-MS).

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	ND
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	1,000	mg/kg	2	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND

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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	mg/kg	5	ND

Notes :

(1) The maximum permissible limit is quoted from directive 2011/65/EU, Annex II

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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