

Test Report

No. CANML1716953401

Date: 07 Sep 2017

Page 1 of 4

DONGGUAN CITY HAN PALACE BUILDING MATERIALS CO., LTD
ZHANGMUTOU TOWN, DONGGUAN CITY, GUANGDONG PROVINCE YONGNING STREET NO.1

The following sample(s) was/were submitted and identified on behalf of the clients as : Han Palace Sealant

SGS Job No. : SZIN1708011729PC - SZ
Client Ref. Info. : A (water-borne epoxy resin) : B (water-borne epoxy hardener) =1:1 【Weight ratio】
Product Category : Others Water-based adhesive
Date of Sample Received : 25 Aug 2017
Testing Period : 25 Aug 2017 - 07 Sep 2017
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 sample(s), the results of 001 comply with the requirement of free formaldehyde, benzene, toluene & xylene in GB 18583-2008.

Based on the performed tests on submitted sample(s), the results of 002 comply with the requirement of TVOC in GB 18583-2008.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zmguan

Zm guan
Approved Signatory



Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN17-169534.001	White material
SN2	CAN17-169534.002	Transparent liquid : Transparent liquid =1: 1 (W/W)

Remarks :

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

GB 18583-2008- Free Formaldehyde

Test Method : With reference to GB 18583-2008 Annex A. Analysis was performed by UV-Vis

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Free Formaldehyde	★	g/kg	0.02	ND

GB 18583-2008- Benzene

Test Method : With reference to GB 18583-2008 Annex B. Analysis was performed by GC-FID.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Benzene content	★	g/kg	0.1	ND

GB 18583-2008- Toluene and Xylene

Test Method : With reference to GB 18583-2008 Annex C. Analysis was performed by GC-FID.



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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com

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Test Report

No. CANML1716953401

Date: 07 Sep 2017

Page 3 of 4

Test Item(s)	Limit	Unit	MDL	001
Toluene	-	g/kg	1.0	ND
Xylene	-	g/kg	1.0	ND
Toluene + Xylene	★	g/kg	-	ND

GB 18583-2008- Total Volatile Compounds

Test Method : With reference to GB18583-2008 Annex F

Test Item(s)	Limit	Unit	MDL	002
TVOC	★	g/L	50	172

Limits of harmful substances of solvent-based adhesive

Test Items	Reference Limits			
	Chloroprene rubber type adhesive	SBS adhesive	Polyurethane type adhesive	Others
Free Formaldehyde (g/kg)	≤ 0.50			—
Benzene (g/kg)	≤ 5.0			
Toluene + Xylene (g/kg)	≤ 200	≤ 150	≤ 150	≤ 150
Free Toluene diisocyanate (g/kg)	—		≤ 10	—
Dichloromethane (g/kg)	≤ 50		—	≤ 50
1,2-Dichloroethane (g/kg)	Total ≤ 5.0			
1,1,2-Trichloroethane (g/kg)				
Trichloroethylene (g/kg)				
TVOC (g/L)	≤ 700	≤ 650	≤ 700	≤ 700

Limits of harmful substances of water-based adhesive

Test Items	Reference Limits				
	Methylal resin type adhesive	Poly(vinyl acetate) adhesive	Rubber type adhesive	Polyurethane type adhesive	Others
Free Formaldehyde (g/kg)	≤ 1.0	≤ 1.0	≤ 1.0	—	≤ 1.0
Benzene (g/kg)	≤ 0.20				
Toluene + Xylene (g/kg)	≤ 10				
TVOC (g/L)	≤ 350	≤ 110	≤ 250	≤ 100	≤ 350

Limits of harmful substances of body-based adhesive

Test Item	Reference Limit
TVOC (g/L)	≤ 100

Remark: The result(s) shown of 002 is/are of the total weight of wet sample.



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

