

Test Report

No. CANML2011724103

Date: 09 Oct 2020

Page 1 of 5

GUANGZHOU JOINTAS CHEMICAL CO., LTD.

2&5 FLOOR,BUILDING 6,NO 62 NANXIANGYILU,HIGH-TECH INDUSTRY DEVELOPMENT ZONE,
GUANGZHOU 510663,CHINA

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

Antas –Low VOC Rapid Bond

SGS Job No. : GZIN2007034997PC - GZ

Model No. : 635

Date of Sample Received : 13 Jul 2020

Testing Period : 13 Jul 2020 - 20 Aug 2020

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 submitted sample(s) , test was performed according to Decree 2011-321 relative to the labeling of construction products, floor or wall coverings and paints and lacquers concerning their emission of volatile pollutants, sample is A+class.

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

Zmguan

Zm guan
Approved Signatory

scan to see the report



CANML2011724103



Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN20-117241.001	"Antas -Low VOC Rapid Bond"

Remarks :

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

VOC

Test Method : With reference to ISO 16000-9:2006 / COR1-2007 &ISO 16000-6:2011 & ISO16000-3:2011. Testing was performed by Environmental Chamber, followed by sampling using Tenax-TA and DNPH tube, analysis using Thermodesorption System with Gas Chromatography Mass Spectrometry (TDS-GC/MS) and High Performance Liquid Chromatography-DAD (HPLC-DAD).

Test Item(s)	Unit	MDL	001
Gas trapping analysis condition			
Chamber Volume	m ³	-	0.05
Storage condition (Temperature)	°C	-	23
Storage condition (Humidity)	%	-	50
Air Exchange Rate	1/h	-	0.5
Sample loading	m ² /m ³	-	1
Tenax Sampling Flow	mL/min	-	200
Tenax Sampling Time	minutes	-	25
Tenax Sampling Volume	L	-	5
DNPH Sampling Flow	mL/min	-	300
DNPH Sampling Time	minutes	-	60
DNPH Sampling Volume	L	-	18
MDL	µg/m ³	-	2.0



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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

Test Report

No. CANML2011724103

Date: 09 Oct 2020

Page 3 of 5

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
		-	-	28th day
Toluene	108-88-3	µg/m ³	-	2.7
Tetrachloroethylene	127-18-4	µg/m ³	-	ND
Xylene	108-38-3&106-42-	µg/m ³	-	2.0
1,2,4-Trimethylbenzene	95-63-6	µg/m ³	-	ND
1,4-Dichlorobenzene	106-46-7	µg/m ³	-	ND
Ethylbenzene	100-41-4	µg/m ³	-	ND
2-Butoxyethanol	111-76-2	µg/m ³	-	ND
Styrene	100-42-5	µg/m ³	-	ND
TVOC		µg/m ³	-	16.7

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
		-	-	28th day
Formaldehyde	50-00-0	µg/m ³	-	ND
Acetaldehyde	75-07-0	µg/m ³	-	2.2

Notes :

µg/(m²·h) = micrograms per square metre and hour
 µg/m³ = micrograms per cubic metre



Evaluation according to Decree 2011-321 relative to the labeling of construction products, floor or wall coverings and paints and lacquers concerning their emission of volatile pollutants

Classes	C	B	A	A+
Formaldehyde	> 120	< 120	< 60	< 10
Acetaldehyde	> 400	< 400	< 300	< 200
Toluene	> 600	< 600	< 450	< 300
Tetrachloroethylene	> 500	< 500	< 350	< 250
Xylene	> 400	< 400	< 300	< 200
1,2,4-Trimethylbenzene	> 2000	< 2000	< 1500	< 1000
1,4-Dichlorobenzene	> 120	< 120	< 90	< 60
Ethylbenzene	> 1500	< 1500	< 1000	< 750
2-Butoxyethanol	> 2000	< 2000	< 1500	< 1000
Styrene	> 500	< 500	< 350	< 250
TVOC	> 2000	< 2000	< 1500	< 1000

Remark:

Unit: $\mu\text{g}/\text{m}^3$

Calculated Result = SER / q

The concentrations of exposition are calculated in a conventional reference room of a total volume (V) of 30m^3 , in which is applied a rate of air renewal (n) of 0.5h^{-1} and which dimensions are specified here below:

	Surface (S) (m^2)	Load rate ($L=S/V$) (m^2/m^3)	Surface specific emission output ($q=n/L$) ($\text{m}^3 \cdot \text{m}^{-2} \cdot \text{h}^{-1}$)
Floor	12	0.4	1.25
Ceiling	12	0.4	1.25
One door	1.6	0.05	10
One window	2	0.07	7
Walls (minus door and window)	31.4	1	0.5
Joints (or very small surfaces)	0.2	0.007	70

Remark: Preparation of test sample according to standard ISO 16000-11:2006.



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***