

**Test Report  
(SVHC)**

No. CANEC1813429302

Date: 10 Jul 2018

Page 1 of 8

DONGGUAN WENCHANG ELECTRONIC PRODUCT CO.,LTD.  
LIANSHENG NORTH ROAD,BAISHA,HUMEN,DONGGUAN,GUANGDONG  
CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : PVC SRPVC XLPVC Wire (in Chinese as PVC SRPVC XLPVC 电线)

SGS Job No. : CP18-035874 - SZ

Date of Sample Received : 04 Jul 2018

Testing Period : 04 Jul 2018 - 10 Jul 2018

Test Requested : As requested by client, SVHC screening is performed according to:  
(i)Ten (10) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on Jun 27, 2018 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Results : Please refer to next page(s).

Summary :

According to the specified scope and evaluation screening, the test results of SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.	PASS
---	------

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



Merry Lv  
Approved Signatory



## Test Report (SVHC)

No. CANEC1813429302

Date: 10 Jul 2018

Page 2 of 8

### Remark :

(1) The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:  
<http://echa.europa.eu/web/guest/candidate-list-table>  
 These lists are under evaluation by ECHA and may subject to change in the future.

(2) Concerning article(s):

In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

SGS adopts the ruling of the Court of Justice of the European Union on the definition of an article under REACH unless indicated otherwise. Detail explanation is available at the following link:

<http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svhc-in-articles-a4-en-16-06.pdf?la=en>

(3) Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

(4) Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:



- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
  - a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
  - a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
    - (a) a substance posing human health or environmental hazards in an individual concentration of  $\geq 1\%$  by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or  $\geq 0.2\%$  by volume for gaseous mixtures; or
    - (b) a substance that is PBT, or vPvB in an individual concentration of  $\geq 0.1\%$  by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
    - (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of  $\geq 0.1\%$  by weight for non-gaseous mixtures; or
    - (d) a substance for which there are Europe-wide workplace exposure limits.
- (5) If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

**Test Sample :**

Sample Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN18-134293.002	Black plastic jacket w/white printing 2A#+Black plastic jacket 2B#+Red plastic jacket 2C#+White plastic jacket 2D#+Grey plastic jacket 2E#

**Test Method :**

SGS In-House method- GZTC CHEM-TOP-092-01, GZTC CHEM-TOP-092-02, Analyzed by ICP-OES, GC-MS, HPLC-DAD/MS .



**Test Report  
(SVHC)**

No. CANEC1813429302

Date: 10 Jul 2018

Page 4 of 8

**Test Result: (Substances in the Candidate List of SVHC)**

Batch	Substance Name	CAS No.	002 Concentration (%)	RL (%)
-	All tested SVHC in candidate list	-	ND	-



Notes :

- 1.The table above only shows detected SVHC, and SVHC that below RL are not reported.  
Please refer to Appendix for the full list of tested SVHC.
- 2.RL = Reporting Limit. All RL are based on homogenous material.ND = Not detected (lower than RL),  
ND is denoted on the SVHC substance.
- 3.\* The test result is based on the calculation of selected element(s) and to the worst-case scenario.  
please refer to the SGS REACH website :  
[www.reach.sgs.com/substance-of-very-high-concern-analysis-information-page.htm](http://www.reach.sgs.com/substance-of-very-high-concern-analysis-information-page.htm)
4. RL = 0.005% is evaluated for element
5. Calculated concentration of boric compounds are based on the water extractive boron by ICP-OES.
- 6.Composite test has been performed in equal proportion for the components/material per client  
requested. And the result is calculated using the minimum sample weight.



# Test Report (SVHC)

No. CANEC1813429302

Date: 10 Jul 2018

Page 6 of 8

## Appendix

### Full list of tested SVHC:

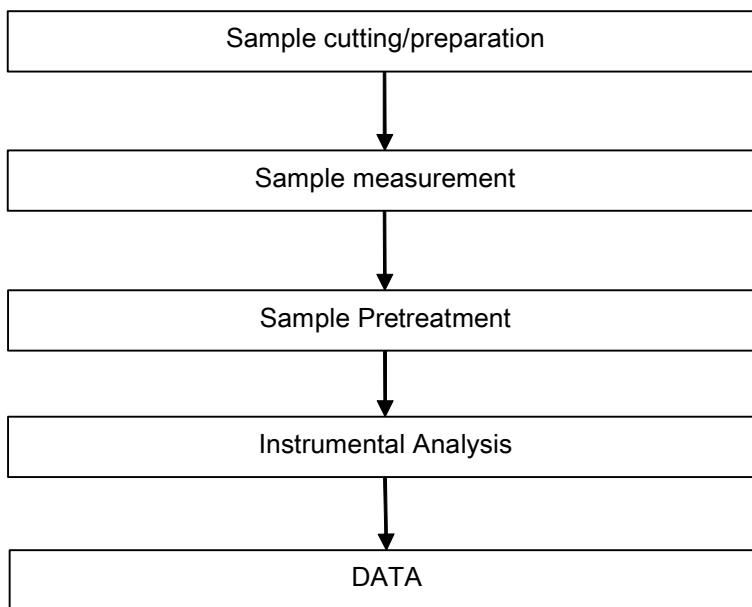
Batch	No.	Substance Name	CAS No.	RL (%)
XIX	1	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride)	552-30-7	0.050
XIX	2	Benzo[ghi]perylene	191-24-2	0.050
XIX	3	Decamethylcyclopentasiloxane (D5)	541-02-6	0.050
XIX	4	Dicyclohexyl phthalate (DCHP)	84-61-7	0.050
XIX	5	Disodium octaborate*	12008-41-2	0.005
XIX	6	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050
XIX	7	Ethylenediamine	107-15-3	0.050
XIX	8	Lead*	7439-92-1	0.005
XIX	9	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.050
XIX	10	Terphenyl hydrogenated	61788-32-7	0.050



## ATTACHMENTS

### SVHC Testing Flow Chart

- 1) Name of the person who made testing: Hogan Lv / Iris Zhong
- 2) Name of the person in charge of testing: Bella Wang / Qiong Liu



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-Document.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](mailto:CN.Doccheck@sgs.com)



## Test Report (SVHC)

No. CANEC1813429302

Date: 10 Jul 2018

Page 8 of 8

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*