



**Test Report  
(SVHC)**

No.: GZ1111140102/CHEM

Date: NOV 14, 2011

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DONGGUAN OEMSERV CARGO SECURITY PRODUCTS CO., LTD  
CHUANG YE YUAN INDUSTRIAL AREA, XINHE, WANGJIANG DISTRICT, DONGGUAN CITY, GUANGDONG  
PROVINCE, P.R.C

The following sample(s) was/were submitted and identified by/on behalf of the client as:  
PP air bag

SGS Job No. : SZ13459240  
SGS Internal Reference No. : 11.4  
Date of Sample Received : NOV 08, 2011  
Testing Period : NOV 08, 2011 TO NOV 14, 2011

Test Requested : As requested by client, SVHC screening is performed according to:  
Seven (7) substances in the Candidate List of Substances of Very High Concern  
(SVHC) for authorization published by European Chemicals Agency (ECHA) on Jun  
20, 2011 regarding Regulation (EC) No 1907/2006 concerning the REACH.

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

Summary :

According to the specified scope and analytical techniques, concentrations of tested SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.	PASS
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Signed for and on behalf of  
SGS-CSTC Ltd.

David Zhou  
Approved Signatory

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### 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/chem\\_data/authorisation\\_process/candidate\\_list\\_table\\_en.asp](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp)  
These lists are under evaluation by ECHA and may subject to change in the future.
- (2) 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).
- (3) 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.
- (4) 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.	Description
001	"PP air bag"

### Test Method :

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

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

Substance Name	CAS No.	EC No.	Concentration(%)	RL(%)
			001	
1,2,3-trichloropropane	96-18-4	202-486-1	N.D.	0.050
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	N.D.	0.050
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	N.D.	0.050
1-Methyl-2-pyrrolidone	872-50-4	212-828-1	N.D.	0.050
2-Ethoxyethyl acetate	111-15-9	203-839-2	N.D.	0.050
Hydrazine	7803-57-8 302-01-2	206-114-9	N.D.	0.050
Strontium chromate*	7789-06-2	232-142-6	N.D.	0.005

#### Notes:

- (1). RL = Reporting Limit. All RL are based on homogenous material.  
N.D. = Not detected (lower than RL), N.D. is denoted on the target compound.
- (2). \* The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario. For detail information, 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)

RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, sodium, chromium, chromium (VI), silicon, aluminum, zirconium, boron, potassium and strontium respectively), except molybdenum RL=0.0005%

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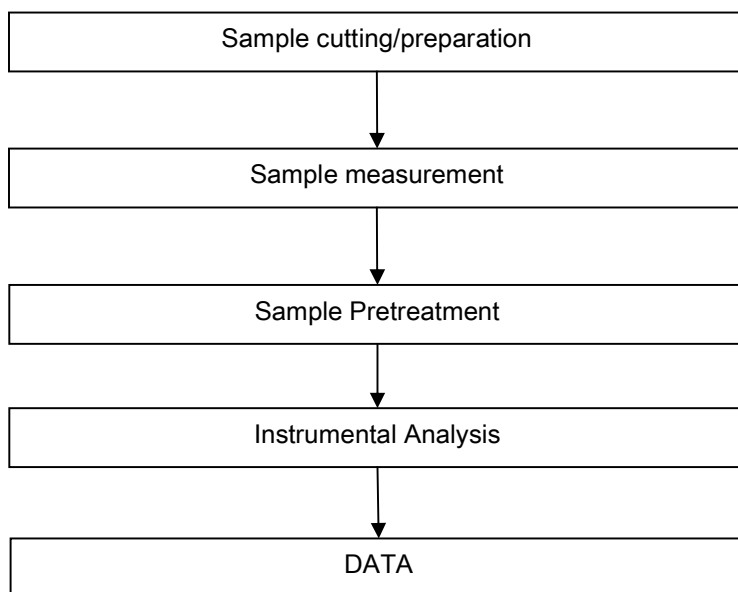
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## ATTACHMENTS

### SVHC Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang / Tina Zhao
- 2) Name of the person in charge of testing: Adams Yu / Ryan Yang



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