

## SVHC Assessment Report 高度關注物質評估報告

Number 報告號碼 : TWNH00076940

Date 報告日期 : Mar 11, 2019

Applicant Peiyu Plastics Corporation  
申請廠商: 北裕塑膠工業股份有限公司  
No. 6, You 5th Rd.,  
Dajia District, Taichung City 437,  
Taiwan, R.O.C.  
台中市大甲區幼獅工業區幼五路 6 號

### Sample Description 樣品敘述:

One (1) group of submitted samples said to be :

以下測試樣品乃供應商所提供及確認 :

Sample Description : PVC

樣品名稱

Style / Item No. : A/B

產品型號

Date Sample Received : Feb 27, 2019

收件日期

Date Test Started : Feb 27, 2019

開始測試日期

### Test Conducted 測試執行:

As requested by the applicant, for details please refer to attached pages.

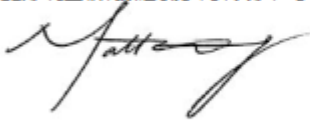
依申請商之要求，細節請參考附頁。

Authorized by 審核者:

On Behalf of Intertek Testing Services

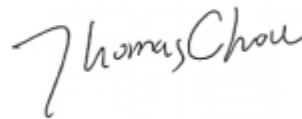
Taiwan Limited

全國公證檢驗股份有限公司



Matt Wang 王政雄  
Sr. Manager 資深經理

Signed by 報告簽署人:



Thomas Chou 周世民  
Manager 經理



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### Summary 摘要:

According to the client's request, a screening test was conducted for the **6** Substances of Very High Concern (SVHC) in the Candidate List promulgated by the European Chemicals Agency (ECHA). For the submitted samples, the content of each SVHC was less than 0.1% (w/w).

依據客戶要求，針對由歐盟化學總署(ECHA 所頒佈，列於候選清單中的 **6** 項高度關注物質(SVHC)進行篩檢測試。本送檢樣品中每支 SVHC 的濃度皆小於 0.1%(重量比)。

This assessment report is for reference purposes only. The applicant shall make his/her own judgment as to whether the information provided in assessment report is sufficient for his/her purposes. The screening results shown in this assessment report will be in relation to various factors, including but not limited to the weight or size of dismantled component and composite test approach, etc. If the content of SVHC is out of the threshold, further identification is recommended to obtain the information of SVHC in each material.

本評估報告僅作為參考之用，申請者應自行評估本報告中所提供的資訊是否符合其申請目的。評估結果與許多因素有關，包括拆解後零件的重量、大小，以及混合測試方式等各種因素。如果任何 SVHC 物質超過限值時，建議進一步鑑定，以獲得每一材料 SVHC 的含量。

The thresholds and SVHCs are defined in Article 7 and 57 of Regulation (EC) No 1907/2006 (REACH Regulation). The information is quoted from the ECHA and can be found via following links:

高度關注物質的限值與定義是依據 (EC) No 1907/2006 法規(REACH)第 7 節與第 57 節所規定。相關訊息引用自歐盟化學總署 (ECHA)，相關資料可見於以下連結網站。

- <http://echa.europa.eu/regulations/reach/authorisation>
- [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)

Substances of Very High Concern (SVHC) are classified as 下列物質將被歸類為高度關注物質(SVHC)

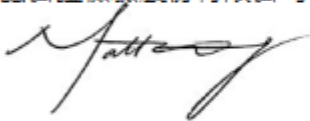
- carcinogenic, mutagenic or toxic to reproduction (CMR) classified in category 1 or 2, 歸類於第一或第二類致癌性、致誘變性、致生殖毒性物質(CMR)
- PBT (PBT) or vPvB (vPvB) according to the criteria in Annex XIII of the REACH Regulation, and/or 依據 REACH 法規附錄 13 規定，具持久性、生物累積性、毒性物質(PBT)或高持久性、生物累積性物質(vPvB)物質，與/或
- Identified, on a case-by-case basis, from scientific evidence as causing probable serious effects to humans or the environment of an equivalent level of concern as those above e.g. endocrine disrupters 透過個案研究，以科學證據證明可能造成對人類或環境造成如同上述嚴重影響的物質，例如擾亂內分泌物質。

Authorized by 審核者:

On Behalf of Intertek Testing Services

Taiwan Limited

全國公證檢驗股份有限公司



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Signed by 報告簽署人:



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### Legal obligations 法律責任

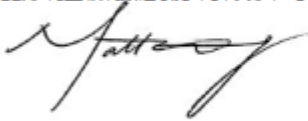
- a. EU and EEA producers and importers of articles have a legal obligation to submit a notification to ECHA with regard to any substance on the Candidate List in their articles, if both the following conditions are met 假如下列兩種情形符合時，歐盟和歐洲經濟區的物品生產者或進口者就有向歐盟化學總署(ECHA)進行任何屬於候選清單中物質的通報法律責任。
- the substance is present in their relevant articles above a concentration of 0.1% weight by weight, and 該物質存在於物品中且濃度超過 0.1%(重量百分比), 而且
  - the substance is present in their relevant articles in quantities totalling over 1 tonne per year. 該物質存在於物品中且年總量超過 1 噸。
- b. EU and EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (w/w) have to provide sufficient information to allow safe use of the article to their customers or upon request, to a consumer within 45 days of the receipt of the request. This information must contain as a minimum the name of the substance. 如果物品含有重量百分比超過 0.1% 的高度關注物質時，歐盟和歐洲經濟區的供應者應該在收到要求後 45 天內，提供足夠的資訊給他們的客戶或提出需求者以安全使用該物品，這些資訊至少應包含物質的名稱。

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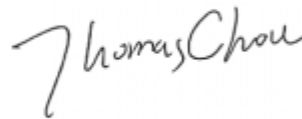
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Test Conducted 測試內容

Test Method 測試方法:

By Intertek in-house method 以 Intertek 內部方法

Solvent extraction method was used and determined by GC-MS or LC-MS-MS.

以溶劑萃取，並用氣相層析質譜儀或串聯式液相層析質譜儀分析。

Test Result Summary 測試結果:

No.	Substance Name 物質名稱	Result 結果 (ppm)
		Transparent plastic film
--	Substances of Very High Concern (SVHC) in the Candidate List 候選清單中高度關注物質(SVHC)	All SVHC were not detected 所有 SVHC 皆未檢出

Remarks: ppm = Parts per million 百萬分之一 = mg/kg 毫克/公斤

備註 Detection limit = 100 ppm (for each compound)= 偵測極限 (每一個成份)

## Appendix – 6 Substances of Very High Concern (SVHC) in the Candidate List

附錄 - 候選清單中的 6 項高度關注物質(SVHC)

No.	Substance Name 物質名稱	EC Number	CAS Number	Reason for Inclusion 列入原因
1	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 2,2-雙(4'-羥基苯基)-4-甲基戊烷	401-720-1	6807-17-6	TRC
2	Benzo[k]fluoranthene 苯并[k]芘	205-916-6	207-08-9	Carcinogenic PBT, vPvB
3	Fluoranthene 芘	205-912-4	206-44-0	PBT, vPvB
4	Phenanthrene 菲	201-581-5	85-01-8	vPvB
5	Pyrene 芘	204-927-3	129-00-0	PBT, vPvB
6	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 1,7,7-三甲基-3-(苯亞甲基)雙環[2,2,1]庚烷-2-酮 (3-苯亞甲基樟腦)	239-139-9	15087-24-8	EDP

Remarks: Carcinogenic = 致癌性

備註 TRC = Toxic for Reproduction 致生殖毒性

PBT = Persistent, Bioaccumulative and Toxic 持久性、生物累積性、毒性物質

vPvB = Very Persistent and Very Bioaccumulative 高持久性、生物累積性物質

EDP = Endocrine Disrupting Properties 內分泌破壞性

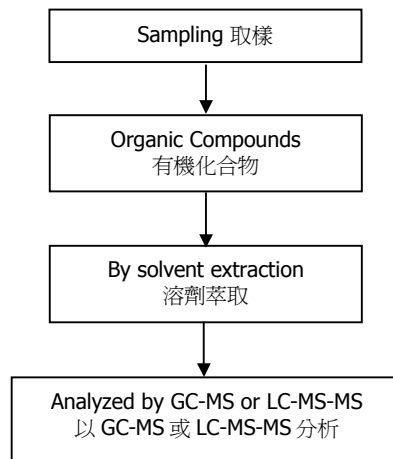


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Test Conducted 測試內容

Measurement Flowchart 測試流程圖:



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Sample photo 樣品照片:



End of Report

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