

GEL-PROBE REFINE REACH

Technical Datasheet

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SVHC Assessment Report 高度關注物質評估報告

Number : TWNC01217533
報告號碼

Applicant: Delphon Industries, LLC.
申請廠商 31398 Huntwood Ave. Hayward, CA 94544 USA

Issue Date : Nov 06, 2023
報告發行日期

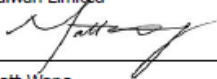
Sample Description 樣品敘述:
One (1) Group of Submitted Samples Said To Be :
以下測試樣品乃供應商所提供及確認:
Sample Description : Gel-Probe™ Refine Elastomer cleaning material
樣品名稱
Style / Item No. : Gel-Probe™ Refine
產品型號
Date Sample Received : Oct 20, 2023
收件日期
Date Test Started : Oct 20, 2023
開始測試日期


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。

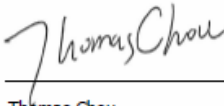
Conclusion 結論:


| Tested Sample 測試樣品 | Standard 標準 | Result 結果 |
|---------------------------|---|-----------|
| Submitted Samples 送檢樣品 | The Obligation to Communicate Information on Substances of Very High Concern (SVHC) in Articles 傳遞高度關注物質訊息的義務 — As per article 33(1) to regulation (EC) No. 1907/2006 (REACH) 依據 REACH 法規(EC) No. 1907/2006 第 33(1)節 | Pass 合格 |

According to the methodology based on test results and risk assessment for specific compounds, 235 substances content of very high concern (SVHC) promulgated by the European Chemicals Agency (ECHA) on and before June 14, 2023, were less than 0.1% (w/w).
根據測試結果及特定物質的風險評估之方法，由歐盟化學總署(ECHA)於 2023 年 6 月 14 日前(含)所頒佈列於候選清單中的 235 項高度關注物質(SVHC)含量皆小於 0.1% (重量比)。

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited

Matt Wang
General Manager



Signed by:

Thomas Chou
Manager



報告查詢 Report Verification

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Test Conducted 測試內容 :

Information on Regulation 法規資訊:

1. Definition of Article 物品的定義 (Article 3(3) to REACH Regulation)

- (a) Article means an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.
物品指的是在生產過程中已被賦予特定形狀、外觀或設計的物件而且強調物件功能性大於其化學組成。
- (b) The judgment of article shall adopt to Court of Justice of the European Union Press Release No 100/15 on Sep 10, 2015.
物品的判定應遵守歐盟法院於 2015 年 9 月 10 日發布 No 100/15 新聞稿的要求。

2. Legal obligations 法律責任 (Article 33 to REACH Regulation)

- (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:
當下列兩種情形皆符合時，歐盟和歐洲經濟區的物品生產者或進口者就必須負起向歐盟化學總署(ECHA)進行通報的法律責任：
- the SVHC is present in its relevant article above a concentration of 0.1% weight by weight, and
當物品中含有 SVHC 且濃度超過 0.1%(重量比), 同時
 - the SVHC is present in its relevant article in quantities totaling over 1 tonnage per year.
存在物品中的 SVHC 年總量超過 1 噸。
- (b) EU and EEA suppliers of articles which contain SVHC in a concentration above 0.1% (w/w) shall provide the recipient or consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that SVHC. The relevant information shall be provided, free of charge, within 45 days of receipt of the request.
如果物品含有重量百分比超過 0.1% 的 SVHC 時，歐盟和歐洲經濟區的供應者應該在收到要求後 45 天內，以免費的方式提供足夠的資訊，讓他們的客戶或提出需求者能夠安全使用該物品，這些資訊至少應包含物質的名稱。



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Test Conducted 測試內容 :

Test Summary 測試結果

1. Test Method 測試方法 (by Intertek in-house method 以 Intertek 內部方法):

- (a) By acid digestion or aqueous extraction method and the relevant elements were determined by ICP-OES.
以酸消化或水溶液萃取測試樣品，並用感應耦合電漿原子放射光譜儀分析相關元素。
- (b) Further confirmation test was performed by UV-Vis (non-metal part) or spot test (metal part) for Cr(VI).
六價鉻之確認，以紫外光-可見光分光光度計分析或以點測試法確認。
- (c) By solvent extraction method and the relevant compounds were determined by GC-MS, GC-ECNI-MS, HPLC-DAD or LC-MS-MS.
以溶劑萃取，並用氣相層析質譜儀、氣相層析化學游離質譜儀、高效液相層析光二極體陣列偵測儀或串聯式液相層析質譜儀分析相關化合物。

2. Test Result 測試結果:

Tested date 測試日期: Oct 20, 2023

Tested substances 測試物質: No.1-235

| No. | Substance Name 物質名稱 | Result 結果 (ppm) |
|-------|---|--|
| | | Grey material (release liners were excluded) |
| 1-235 | 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 備註:

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

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



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Test Conducted 測試內容 :

Annex - 235 Substances of Very High Concern (SVHC) in the Candidate List
附錄 - 候選清單中的 235 項高度關注物質(SVHC)

| No. | Substance Name 物質名稱 | EC Number EC 編號 | CAS Number CAS 編號 | Reason for Inclusion 列入原因 |
|--|--|------------------------|--|----------------------------------|
| 1st SVHC in the Candidate List 候選清單中第一批高度關注物質(2008.10) | | | | |
| 1 | Cobalt dichloride 二氯化鈷 | 231-589-4 | 7646-79-9 | Carcinogenic Mutagenic |
| 2 | Diarsenic pentaoxide 五氧化二砷 | 215-116-9 | 1303-28-2 | Carcinogenic |
| 3 | Diarsenic trioxide 三氧化二砷 | 215-481-4 | 1327-53-3 | Carcinogenic |
| 4 | Lead hydrogen arsenate 酸式砷酸鉛 | 232-064-2 | 7784-40-9 | Carcinogenic TRC |
| 5 | Triethyl arsenate 三乙基砷酸酯 | 427-700-2 | 15606-95-8 | Carcinogenic |
| 6 | Sodium dichromate, dihydrate 重鉻酸鈉二水合物 | 234-190-3 | 7789-12-0 | Carcinogenic Mutagenic TRC |
| 7 | Bis (tributyltin)oxide (TBTO) 三丁基氧化錫 | 200-268-0 | 56-35-9 | PBT |
| 8 | Anthracene 蒽 | 204-371-1 | 120-12-7 | PBT |
| 9 | 4,4'-Diaminodiphenylmethane (MDA) 4,4'-二氨基二苯甲烷 | 202-974-4 | 101-77-9 | Carcinogenic |
| 10 | Dibutyl phthalate (DBP) 鄰苯二甲酸二丁酯 | 201-557-4 | 84-74-2 | TRC, EDP |
| 11 | 5-tert-Butyl-2,4,6-trinitro-m-xylene (musk xylene) 5-叔丁基-2,4,6-三硝基間二甲苯(二甲苯麝香) | 201-329-4 | 81-15-2 | vPvB |
| 12 | Bis(2-ethylhexyl) phthalate (DEHP) 鄰苯二甲酸二(2-乙基己基)酯 | 204-211-0 | 117-81-7 | TRC, EDP |
| 13 | Hexabromocyclododecane (HBCDD) 六溴環十二烷 | 247-148-4 221-695-9 | 25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8 | PBT |
| 14 | Benzyl butyl phthalate (BBP) 鄰苯二甲酸苯基丁酯 | 201-622-7 | 85-68-7 | TRC, EDP |
| 15 | Short chain chlorinated parafins (C10-13) 短鏈氯化石蠟 | 287-476-5 | 85535-84-8 | PBT |



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| No. | Substance Name 物質名稱 | EC Number EC 編號 | CAS Number CAS 編號 | Reason for Inclusion 列入原因 |
|--|--|------------------------|--------------------------------------|---|
| 2nd SVHC in the Candidate List 候選清單中第二批高度關注物質(2009.09) | | | | |
| 16 | Anthracene oil 蔥油 | 292-602-7 | 90640-80-5 | PBT, vPvB |
| 17 | Anthracene oil, anthracene paste, distn. Lights 蔥油, 蔥糊, 輕油 | 295-278-5 | 91995-17-4 | PBT, vPvB, Carcinogenic Mutagenic |
| 18 | Anthracene oil, anthracene paste, anthracene fraction 蔥油, 蔥糊, 蔥糊分離液 | 295-275-9 | 91995-15-2 | PBT, vPvB, Carcinogenic Mutagenic |
| 19 | Anthracene oil, anthracene-low 蔥油, 含蔥量少 | 292-604-8 | 90640-82-7 | PBT, vPvB, Carcinogenic Mutagenic |
| 20 | Anthracene oil, anthracene paste 蔥油, 蔥糊 | 292-603-2 | 90640-81-6 | PBT, vPvB, Carcinogenic Mutagenic |
| 21 | Coal tar pitch, high temp. 煤瀝青, 高溫 | 266-028-2 | 65996-93-2 | PBT, vPvB, Carcinogenic |
| 22 | Acrylamide 丙烯醯胺 | 201-173-7 | 79-06-1 | Carcinogenic Mutagenic |
| 23 | 2,4-Dinitrotoluene 2,4-二硝基甲苯 | 204-450-0 | 121-14-2 | Carcinogenic |
| 24 | Diisobutyl phthalate (DIBP) 鄰苯二甲酸二異丁酯 | 201-553-2 | 84-69-5 | TRC, EDP |
| 25 | Lead chromate 鉻酸鉛 | 231-846-0 | 7758-97-6 | Carcinogenic TRC |
| 26 | Lead chromate molybdate sulphate red (C.I. Pigment red 104) 紅色鉻鉻酸鉛硫酸鹽(C.I.紅色 104) | 235-759-9 | 12656-85-8 | Carcinogenic TRC |
| 27 | Lead sulfochromate yellow (C.I. Pigment yellow 34) 黃色硫化鉻酸鉛(C.I.黃色 34) | 215-693-7 | 1344-37-2 | Carcinogenic TRC |
| 28 | Tris(2-chloroethyl) phosphate (TCEP)三 2-(氯乙基)磷酸酯 | 204-118-5 | 115-96-8 | TRC |
| 3rd SVHC in the Candidate List 候選清單中第三批高度關注物質(2010.03) | | | | |
| 29 | Trichloroethylene 三氯乙稀 | 201-167-4 | 79-01-6 | Carcinogenic |
| 30 | Boric acid 硼酸 | 233-139-2 234-343-4 | 10043-35-3 11113-50-1 | TRC |
| 31 | Disodium tetraborate, anhydrous 無水四硼酸二鈉 | 215-540-4 | 1330-43-4 12179-04-3 1303-96-4 | TRC |
| 32 | Tetraboron disodium heptaoxide, hydrate 含水七氧化四硼酸二鈉 | 235-541-3 | 12267-73-1 | TRC |
| 33 | Sodium chromate 鉻酸鈉 | 231-889-5 | 7775-11-3 | Carcinogenic Mutagenic TRC |
| 34 | Potassium chromate 鉻酸鉀 | 232-140-5 | 7789-00-6 | Carcinogenic Mutagenic |
| 35 | Ammonium dichromate 重鉻酸銨 | 232-143-1 | 7789-09-5 | Carcinogenic Mutagenic TRC |
| 36 | Potassium dichromate 重鉻酸鉀 | 231-906-6 | 7778-50-9 | Carcinogenic Mutagenic TRC |



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|--|---|------------------------------|-------------------------------|------------------------------|
| 4th SVHC in the Candidate List 候選清單中第四批高度關注物質(2010.12) | | | | |
| 37 | Cobalt(II) sulphate 硫酸鈷(II) | 233-334-2 | 10124-43-3 | Carcinogenic TRC |
| 38 | Cobalt(II) dinitrate 硝酸鈷(II) | 233-402-1 | 10141-05-6 | Carcinogenic TRC |
| 39 | Cobalt(II) carbonate 碳酸鈷(II) | 208-169-4 | 513-79-1 | Carcinogenic TRC |
| 40 | Cobalt(II) diacetate 醋酸鈷(II) | 200-755-8 | 71-48-7 | Carcinogenic TRC |
| 41 | 2-Methoxyethanol 2-甲氧基乙醇 | 203-713-7 | 109-86-4 | TRC |
| 42 | 2-Ethoxyethanol 2-乙氧基乙醇 | 203-804-1 | 110-80-5 | TRC |
| 43 | Chromium trioxide 三氧化鉻 | 215-607-8 | 1333-82-0 | Carcinogenic Mutagenic |
| 44 | Acids generated from chromium trioxide and their oligomers 由三氧化鉻和其他低聚合物形成的酸類: Chromic acid 鉻酸 Dichromic acid 重鉻酸 Oligomers of chromic acid and dichromic acid 鉻酸和重鉻酸的低聚物 | 231-801-5 236-881-5 -- | 7738-94-5 13530-68-2 -- | Carcinogenic |
| 5th SVHC in the Candidate List 候選清單中第五批高度關注物質(2011.06) | | | | |
| 45 | 2-Ethoxyethyl acetate (2-EEA) 乙酸-2-乙氧基乙酯 | 203-839-2 | 111-15-9 | TRC |
| 46 | Strontium chromate 鉻酸銣 | 232-142-6 | 7789-06-2 | Carcinogenic |
| 47 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) 鄰苯二甲酸二(C7-11 支鏈與直鏈)烷基酯 | 271-084-6 | 68515-42-4 | TRC |
| 48 | Hydrazine 肼 | 206-114-9 | 7803-57-8 302-01-2 | Carcinogenic |
| 49 | 1-Methyl-2-pyrrolidone (NMP) 1-甲基吡咯烷酮 | 212-828-1 | 872-50-4 | TRC |
| 50 | 1,2,3-Trichloropropane 1,2,3-三氯丙烷 | 202-486-1 | 96-18-4 | Carcinogenic TRC |
| 51 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) 鄰苯二甲酸二(C6-8 支鏈)烷基酯, 富 C7 | 276-158-1 | 71888-89-6 | TRC |



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|--|---|--------------------|----------------------|------------------------------|
| 6th SVHC in the Candidate List 候選清單中第六批高度關注物質(2011.12) | | | | |
| 52 | Dichromium tris(chromate) 鉻酸鉻 | 246-356-2 | 24613-89-6 | Carcinogenic |
| 53 | Potassium hydroxyoctaoxodizincatedi-chromate 氫氧化鉻酸鋅鉀 | 234-329-8 | 11103-86-9 | Carcinogenic |
| 54 | Pentazinc chromate octahydroxide C.I.顏料黃 36 | 256-418-0 | 49663-84-5 | Carcinogenic |
| 55 | Formaldehyde, oligomeric reaction products with aniline (technical MDA) 甲醛和苯胺聚合物 | 500-036-1 | 25214-70-4 | Carcinogenic |
| 56 | Aluminosilicate refractory ceramic fibres (RCF) 矽酸鋁,陶瓷耐火纖維** | -- | -- | Carcinogenic |
| 57 | Zirconia aluminosilicate refractory ceramic fibres (Zr-RCF) 矽酸鋁氧化鋯,陶瓷耐火纖維** | -- | -- | Carcinogenic |
| 58 | Bis(2-methoxyethyl)phthalate(DMEP) 鄰苯二甲酸二甲氧乙酯 | 204-212-6 | 117-82-8 | TRC |
| 59 | 2-Methoxyaniline(o-Anisidine) 鄰甲氧基苯胺 | 201-963-1 | 90-04-0 | Carcinogenic |
| 60 | 4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol) 對特辛基苯酚 | 205-426-2 | 140-66-9 | PBT, vPvB |
| 61 | 1,2-Dichloroethane 1,2-二氯乙烷 | 203-458-1 | 107-06-2 | Carcinogenic |
| 62 | Bis(2-methoxyethyl) ether 二甘醇二甲醚 | 203-924-4 | 111-96-6 | TRC |
| 63 | Arsenic acid 砷酸 | 231-901-9 | 7778-39-4 | Carcinogenic |
| 64 | Calcium arsenate 砷酸鈣 | 231-904-5 | 7778-44-1 | Carcinogenic |
| 65 | Trilead diarsenate 砷酸鉛 | 222-979-5 | 3687-31-8 | Carcinogenic TRC |
| 66 | N,N-Dimethylacetamide (DMAC) N,N-二甲基乙醯胺 | 204-826-4 | 127-19-5 | TRC |
| 67 | 4,4'-Methylenebis(2-chloroaniline) (MOCA) 4,4'-亞甲雙(2-氯苯胺) | 202-918-9 | 101-14-4 | Carcinogenic |
| 68 | Phenolphthalein 酚酞 | 201-004-7 | 77-09-8 | Carcinogenic |
| 69 | Lead azide (Lead diazide) 疊氮化鉛 | 236-542-1 | 13424-46-9 | TRC |
| 70 | Lead styphnate 收斂酸鉛 | 239-290-0 | 15245-44-0 | TRC |
| 71 | Lead dipicrate 苦味酸鉛 | 229-335-2 | 6477-64-1 | TRC |



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|---|---|--------------------|----------------------|---------------------------------|
| 7th SVHC in the Candidate List 候選清單中第七批高度關注物質 (2012.06) | | | | |
| 72 | 1,2-Bis(2-methoxyethoxy)ethane (TEGDME; Triglyme) 三乙二醇二甲醚 | 203-977-3 | 112-49-2 | TRC |
| 73 | 1,2-Dimethoxyethane; Ethylene glycol dimethyl ether (EGDME) 乙二醇二甲醚 | 203-794-9 | 110-71-4 | TRC |
| 74 | Diboron trioxide 三氧化二硼 | 215-125-8 | 1303-86-2 | TRC |
| 75 | Formamide 甲酰胺 | 200-842-0 | 75-12-7 | TRC |
| 76 | Lead(II) bis(methanesulfonate) 甲基磺酸鉛 | 401-750-5 | 17570-76-2 | TRC |
| 77 | 1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine- 2,4,6-(1H,3H,5H)-trione (TGIC) 異氰尿酸三縮水甘油酯 | 219-514-3 | 2451-62-9 | Mutagenic |
| 78 | 1,3,5-Tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine- 2,4,6-(1H,3H,5H)-trione (β-TGIC) β 型異氰尿酸三縮水甘油酯 | 423-400-0 | 59653-74-6 | Mutagenic |
| 79 | 4,4'-Bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-二(N,N-二甲胺基) 二苯甲酮 | 202-027-5 | 90-94-8 | Carcinogenic |
| 80 | N,N,N',N'-Tetramethyl-4,4'-methylenedianiline (Michler's base) 4,4'-亞甲基雙(N,N-二甲胺基) | 202-959-2 | 101-61-1 | Carcinogenic |
| 81 | {4-[[4-Anilino-1-naphthyl][4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene} dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] {4-[[4-苯胺基-1-萘基][4-(二甲胺基)苯基]亞甲基]環己- 2,5-二烯-1-亞基}二甲基氯化銨 (C.I. 鹼性藍 26) | 219-943-6 | 2580-56-5 | Carcinogenic |
| 82 | {4-[4,4'-Bis(dimethylamino) benzhydrylidene]cyclohexa- 2,5-dien-1-ylidene}dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] {4-[4,4'-雙(二甲胺基) 二苯亞甲基] 環己-2,5-二烯-1- 亞基} 二甲基氯化銨 (C.I. 鹼性紫 3) | 208-953-6 | 548-62-9 | Carcinogenic |
| 83 | 4,4'-Bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (4,4'-雙(二甲胺基)-4''-(甲胺基) 三苯基醇) | 209-218-2 | 561-41-1 | Carcinogenic |
| 84 | α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] α,α-雙[4-(二甲胺基) 苯基]-4-(苯胺基)-1-萘甲醇 (C.I. 溶劑藍 4) | 229-851-8 | 6786-83-0 | Carcinogenic |





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| 8th SVHC in the Candidate List 候選清單中第八批高度關注物質 (2012.12) | | | | |
| 85 | Bis(pentabromophenyl) ether (DecaBDE) 十溴聯苯醚 | 214-604-9 | 1163-19-5 | PBT, vPvB |
| 86 | Pentacosafuorotridecanoic acid 全氟十三酸 | 276-745-2 | 72629-94-8 | vPvB |
| 87 | Tricosafuorododecanoic acid 全氟十二酸 | 206-203-2 | 307-55-1 | vPvB |
| 88 | Henicosafuoroundecanoic acid 全氟十一酸 | 218-165-4 | 2058-94-8 | vPvB |
| 89 | Heptacosafuorotetradecanoic acid 全氟十四酸 | 206-803-4 | 376-06-7 | vPvB |
| 90 | 4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues 辛基酚聚醚-9，包括界定明確的物質以及 UVCB 物質、聚合物及同系物 | -- | -- | Equivalent concern |
| 91 | 4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof 支鏈及直鏈壬基酚-包括含有 9 個碳烷基鏈之所有獨立同分異構體及所有含有含直鏈或支鏈之 9 個碳烷基鏈 UVCB 物質 | - | - | Equivalent concern |
| 92 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) 偶氮二甲醯胺 | 204-650-8 | 123-77-3 | Equivalent concern |
| 93 | Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) 六氫鄰苯二甲酸酐 | 201-604-9, 236-086-3, 238-009-9 | 85-42-7, 13149-00-3, 14166-21-3 | Equivalent concern |
| 94 | Hexahydromethylphthalic anhydride (MHHPA-1) 甲基六氫苯酐 Hexahydro-4-methylphthalic anhydride (MHHPA-2) 4-甲基六氫苯酐 Hexahydro-1-methylphthalic anhydride (MHHPA-3) 甲基六氫化鄰苯二甲酸酐 Hexahydro-3-methylphthalic anhydride (MHHPA-4) 3-甲基六氫苯二甲酸酐 | 247-094-1, 243-072-0, 256-356-4, 260-566-1 | 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 | Equivalent concern |
| 95 | Methoxy acetic acid 甲氧基乙酸 | 210-894-6 | 625-45-6 | TRC |
| 96 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (PIPP) 1,2-苯二羧二戊酯 (支鏈和直鏈) | 284-032-2 | 84777-06-0 | TRC |
| 97 | Diisopentyl phthalate (DIPP) 鄰苯二甲酸二異戊酯 | 210-088-4 | 605-50-5 | TRC |
| 98 | n-Pentyl-iso-pentyl phthalate (PIPP) 鄰苯二甲酸正戊基異戊基酯 | -- | 776297-69-9 | TRC |
| 99 | 1,2-Diethoxyethane 乙二醇二乙醚 | 211-076-1 | 629-14-1 | TRC |
| 100 | N,N-Dimethylformamide; Dimethyl formamide (DMFA) N,N-二甲基甲醯胺 | 200-679-5 | 68-12-2 | TRC |
| 101 | Dibutyltin dichloride (DBTC) 二丁基二氯化錫 | 211-670-0 | 683-18-1 | TRC |
| 102 | Acetic acid, lead salt, basic 鹼式乙酸鉛 | 257-175-3 | 51404-69-4 | TRC |



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| 103 | Basic lead carbonate (Trilead bis(carbonate) dihydroxide) 鹼式碳酸鉛 | 215-290-6 | 1319-46-6 | TRC |
| 104 | Lead oxide sulfate (Basic lead sulfate) 鹼式硫酸鉛 | 234-853-7 | 12036-76-9 | TRC |
| 105 | [Phthalato(2-)]dioxobilead (Dibasic lead phthalate) 二鹽基鄰苯二甲酸鉛 | 273-688-5 | 69011-06-9 | TRC |
| 106 | Dioxobis(stearato)trilead 雙(十八酸基)三氧代三鉛 | 235-702-8 | 12578-12-0 | TRC |
| 107 | Fatty acids, C16-18, lead salts C16-18 脂肪酸鉛鹽 | 292-966-7 | 91031-62-8 | TRC |
| 108 | Lead bis(tetrafluoroborate) 氟硼酸鉛 | 237-486-0 | 13814-96-5 | TRC |
| 109 | Lead cyanamide 氨基氰鉛鹽 | 244-073-9 | 20837-86-9 | TRC |
| 110 | Lead dinitrate 硝酸鉛 | 233-245-9 | 10099-74-8 | TRC |
| 111 | Lead oxide (Lead monoxide) 一氧化鉛 | 215-267-0 | 1317-36-8 | TRC |
| 112 | Lead tetroxide (Orange lead) 四氧化三鉛 | 215-235-6 | 1314-41-6 | TRC |
| 113 | Lead titanium trioxide 鈦酸鉛 | 235-038-9 | 12060-00-3 | TRC |
| 114 | Lead titanium zirconium oxide 鈦酸鉛鈷 | 235-727-4 | 12626-81-2 | TRC |
| 115 | Pentalead tetraoxide sulphate 氧化鉛與硫酸鉛的複合物 | 235-067-7 | 12065-90-6 | TRC |
| 116 | Pyrochlore, antimony lead yellow 顏料黃 41 | 232-382-1 | 8012-00-8 | TRC |
| 117 | Silicic acid, barium salt, lead-doped 摻雜鉛的矽酸鋇 | 272-271-5 | 68784-75-8 | TRC |
| 118 | Silicic acid, lead salt 硫酸鉛 | 234-363-3 | 11120-22-2 | TRC |
| 119 | Sulfurous acid, lead salt, dibasic 亞硫酸鉛 (II) | 263-467-1 | 62229-08-7 | TRC |
| 120 | Tetraethyllead 四乙基鉛 | 201-075-4 | 78-00-2 | TRC |
| 121 | Tetralead trioxide sulphate 三鹼式硫酸鉛 | 235-380-9 | 12202-17-4 | TRC |
| 122 | Trilead dioxide phosphonate 磷酸氧化鉛 | 235-252-2 | 12141-20-7 | TRC |
| 123 | Furan 呋喃 | 203-727-3 | 110-00-9 | Carcinogenic |
| 124 | Propylene oxide; 1,2-Epoxypropane; Methyloxirane 1,2-環氧丙烷 | 200-879-2 | 75-56-9 | Carcinogenic Mutagenic |
| 125 | Diethyl sulphate 硫酸二乙酯 | 200-589-6 | 64-67-5 | Carcinogenic Mutagenic |
| 126 | Dimethyl sulphate 硫酸二甲酯 | 201-058-1 | 77-78-1 | Carcinogenic |
| 127 | 3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)噁唑啉 | 421-150-7 | 143860-04-2 | TRC |
| 128 | Dinoseb 地樂酚 | 201-861-7 | 88-85-7 | TRC |
| 129 | 4,4'-Methylenedi- <i>o</i> -toluidine 4,4'-二氨基-3,3'-二甲基二苯甲烷 | 212-658-8 | 838-88-0 | Carcinogenic |
| 130 | 4,4'-Oxydianiline and its salts 4,4'-二氨基二苯醚 | 202-977-0 | 101-80-4 | Carcinogenic Mutagenic |
| 131 | 4-Aminoazobenzene; 4-Phenylazobenzene 4-胺基偶氮苯 | 200-453-6 | 60-09-3 | Carcinogenic |
| 132 | 4-Methyl- <i>m</i> -phenylenediamine (2,4-Toluene-diamine) 2,4-二氨基甲苯 | 202-453-1 | 95-80-7 | Carcinogenic |
| 133 | 6-Methoxy- <i>m</i> -toluidine (<i>p</i> -cresidine) 2-甲氧基-5-甲基苯胺 | 204-419-1 | 120-71-8 | Carcinogenic |
| 134 | Biphenyl-4-ylamine ; 4-Aminobiphenyl 4-胺基聯苯 | 202-177-1 | 92-67-1 | Carcinogenic |
| 135 | <i>o</i> -Aminoazotoluene 鄰氨基偶氮甲苯 | 202-591-2 | 97-56-3 | Carcinogenic |
| 136 | <i>o</i> -Toluidine; 2-Aminotoluene 鄰甲苯胺 | 202-429-0 | 95-53-4 | Carcinogenic |
| 137 | N-Methylacetamide N-甲基乙醯胺 | 201-182-6 | 79-16-3 | TRC |
| 138 | 1-Bromopropane; <i>n</i> -Propyl bromide 1-溴丙烷 | 203-445-0 | 106-94-5 | TRC |



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| 9th SVHC in the Candidate List 候選清單中第九批高度關注物質 (2013.06) | | | | |
| 139 | Cadmium 鎘 | 231-152-8 | 7440-43-9 | Carcinogenic Equivalent concern |
| 140 | Cadmium oxide 氧化鎘 | 215-146-2 | 1306-19-0 | Carcinogenic |
| 141 | Pentadecafluorooctanoic acid (PFOA) 全氟辛酸 | 206-397-9 | 335-67-1 | TRC |
| 142 | Ammonium pentadecafluorootanoate (APFO) 全氟辛酸銨 | 223-320-4 | 3825-26-1 | TRC |
| 143 | 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] 支鏈及直鏈乙氧基壬基酚- 包括含有 9 個碳烷基鏈及所有含有含直鏈或支鏈之 9 個碳烷基鏈 UVCB 物質、聚合物及同系物，包括獨立同分異構物及複合物 | -- | -- | Equivalent concern |
| 144 | Dipentyl phthalate (DPP) 鄰苯二甲酸二戊酯 | 205-017-9 | 131-18-0 | TRC |
| 10th SVHC in the Candidate List 候選清單中第十批高度關注物質 (2013.12) | | | | |
| 145 | Cadmium sulphide 硫化鎘 | 215-147-8 | 1306-23-6 | Carcinogenic Equivalent concern |
| 146 | Lead di(acetate) 醋酸鉛 | 206-104-4 | 301-04-2 | TRC |
| 147 | Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) C.I. 直接黑 38 | 217-710-3 | 1937-37-7 | Carcinogenic |
| 148 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) C.I. 直接紅 28 | 209-358-4 | 573-58-0 | Carcinogenic |
| 149 | Trixylyl phosphate 磷酸三(二甲苯)酯 | 246-677-8 | 25155-23-1 | TRC |
| 150 | Dihexyl phthalate (DnHP) 鄰苯二甲酸二正己酯 | 201-559-5 | 84-75-3 | TRC |
| 151 | Imidazolidine-2-thione; 2-Imidazoline-2-thiol 亞乙基硫脲 | 202-506-9 | 96-45-7 | TRC |
| 11th SVHC in the Candidate List 候選清單中第十一批高度關注物質 (2014.06) | | | | |
| 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 鄰苯二甲酸二己酯 (支鏈和直鏈) | 271-093-5 | 68515-50-4 | TRC |
| 153 | Cadmium chloride 氯化鎘 | 233-296-7 | 10108-64-2 | Carcinogenic Equivalent concern Mutagenic TRC |
| 154 | Sodium perborate; Perboric acid, sodium salt 過硼酸鈉 | 239-172-9, 234-390-0 | -- | TRC |
| 155 | Sodium peroxometaborate 過氧偏硼酸鈉 | 231-556-4 | 7632-04-4 | TRC |



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| 12th SVHC in the Candidate List 候選清單中第十二批高度關注物質(2014.12) | | | | |
| 156 | 2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2'-羥基-3',5'-二-叔-戊基苯基)苯並三唑 | 247-384-8 | 25973-55-1 | PBT, vPvB |
| 157 | 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 2-(2'-羥基-3',5'-二-叔-丁基苯基)苯並三唑 | 223-346-6 | 3846-71-7 | PBT, vPvB |
| 158 | 2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-双(2-乙基己基膦基乙酸酯)錫 | 239-622-4 | 15571-58-1 | TRC |
| 159 | Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) 二正辛基-双(2-乙基己基膦基乙酸酯)錫和單辛基-三(2-乙基己基膦基乙酸酯)錫的反應物 | -- | -- | TRC |
| 160 | Cadmium fluoride 氟化鎘 | 232-222-0 | 7790-79-6 | Carcinogenic Equivalent concern Mutagenic TRC |
| 161 | Cadmium sulphate 硫酸鎘 | 233-331-6 | 10124-36-4, 31119-53-6 | Carcinogenic Equivalent concern Mutagenic TRC |
| 13th SVHC in the Candidate List 候選清單中第十三批高度關注物質(2015.06) | | | | |
| 162 | 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate 鄰苯二甲酸二(C6-C10)烷基酯:(癸基,己基,辛基)酯與1,2-鄰苯二甲酸的混合物且鄰苯二甲酸二己酯含量 $\geq 0.3\%$ | 271-094-0 272-013-1 | 68515-51-5 68648-93-1 | TRC |
| 163 | 5-sec-Butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-Butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof] 卡拉花醛及其同分異構化合物 | -- | -- | vPvB |



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| 14th SVHC in the Candidate List 候選清單中第十四批高度關注物質(2015.12) | | | | |
| 164 | Nitrobenzene 硝基苯 | 202-716-0 | 98-95-3 | TRC |
| 165 | 2,4-Di- <i>tert</i> -butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2,4-二-叔丁基-6-(5-氯代苯并三唑-2-基)苯酚 | 223-383-8 | 3864-99-1 | vPvB |
| 166 | 2-(2H-Benzotriazol-2-yl)-4-(<i>tert</i> -butyl)-6-(<i>sec</i> -butyl)phenol (UV-350) 2-(2H-苯並三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚 | 253-037-1 | 36437-37-3 | vPvB |
| 167 | 1,3-Propanesultone 1,3-丙烷磺內酯 | 214-317-9 | 1120-71-4 | Carcinogenic |
| 168 | Perfluorononan-1-oiic-acid and its sodium and ammonium salts 全氟壬酸及其鈉鹽和銨鹽 | 206-801-3 | 375-95-1 21049-39-8 4149-60-4 | TRC, PBT |
| 15th SVHC in the Candidate List 候選清單中第十五批高度關注物質(2016.06) | | | | |
| 169 | Benzo[def]chrysene (Benzo[a]pyrene) 苯並[def]屈(苯並[a]芘) | 200-028-5 | 50-32-8 | Carcinogenic Mutagenic TRC, PBT, vPvB |
| 16th SVHC in the Candidate List 候選清單中第十六批高度關注物質(2016.12) | | | | |
| 170 | 4,4'-isopropylidenediphenol (bisphenol A; BPA) 雙酚 A | 201-245-8 | 80-05-7 | TRC, EDP |
| 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 十九氟癸酸及其鈉鹽與銨鹽 | 206-400-3 221-470-5 | 335-76-2 3830-45-3 3108-42-7 | TRC, PBT |
| 172 | 4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] 支鏈及直鏈庚基酚-包括含有 7 個碳烷基鏈之所有獨立同分異構體及所有含有含直鏈或支鏈之 7 個碳烷基鏈 UVCB 物質 | - | - | TRC |
| 173 | <i>p</i> -(1,1-Dimethylpropyl)phenol 對-(1,1-二甲基丙基)酚 | 201-280-9 | 80-46-6 | TRC |
| 17th SVHC in the Candidate List 候選清單中第十七批高度關注物質(2017.07) | | | | |
| 174 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS) 全氟己基磺酸及其鹽類 | -- | -- | vPvB |



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Total Quality. Assured.

Number : TWNC01217533

報告號碼

Test Conducted 測試內容 :

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|--|--|--------------------|----------------------|-----------------------------------|
| 18th SVHC in the Candidate List 候選清單中第十八批高度關注物質(2018.01) | | | | |
| 175 | Benz[a]anthracene 苯并[a]蔥 | 200-280-6 | 56-55-3 | Carcinogenic PBT vPvB |
| 176 | Cadmium nitrate 硝酸鎘 | 233-710-6 | 10325-94-7 | Carcinogenic Mutagenic STOT |
| 177 | Cadmium hydroxide 氫氧化鎘 | 244-168-5 | 21041-95-2 | Carcinogenic Mutagenic STOT |
| 178 | Cadmium carbonate 碳酸鎘 | 208-168-9 | 513-78-0 | Carcinogenic Mutagenic STOT |
| 179 | Chrysene 屈 | 205-923-4 | 218-01-9 | Carcinogenic PBT vPvB |
| 180 | Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) covering any of its individual anti- and syn-isomers or any combination thereof 十二氯五環[12.2.1.16,9.02,13.05,10]十八碳-7,15-二烯 ("Dechlorane Plus" TM)(包含任何反式與順式同分異構物或其他組成) | -- | -- | vPvB |
| 181 | Reaction products of 1,3,4-thiadiazolidine- 2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear] 1,3,4-噻二唑-2,5-二硫酮、甲醛與支鏈和直鏈 4-庚基苯酚的反應產物(含有支鏈和直鏈 4-庚基苯酚重量比大於或等於 0.1%) | -- | -- | EDP |
| 19th SVHC in the Candidate List 候選清單中第十九批高度關注物質(2018.07) | | | | |
| 182 | Octamethylcyclotetrasiloxane (D4) 八甲基環四矽氧烷 | 209-136-7 | 556-67-2 | PBT, vPvB |
| 183 | Decamethylcyclopentasiloxane (D5) 十甲基環五矽氧烷 | 208-764-9 | 541-02-6 | PBT, vPvB |
| 184 | Dodecamethylcyclohexasiloxane (D6) 十二甲基環六矽氧烷 | 208-762-8 | 540-97-6 | PBT, vPvB |
| 185 | Lead 鉛 | 231-100-4 | 7439-92-1 | TRC |
| 186 | Disodium octaborate 八硼酸二鈉 | 234-541-0 | 12008-41-2 | TRC |
| 187 | Benzo[g,h,i]perylene 苯并[g,h,i]芘 | 205-883-8 | 191-24-2 | PBT, vPvB |
| 188 | Terphenyl hydrogenated 氫化三聯苯 | 262-967-7 | 61788-32-7 | vPvB |
| 189 | Ethylenediamine (EDA) 乙二胺 | 203-468-6 | 107-15-3 | RSP |
| 190 | Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride; TMA) 偏苯三酸酐 | 209-008-0 | 552-30-7 | RSP |
| 191 | Dicyclohexyl phthalate (DCHP) 鄰苯二甲酸二環己酯 | 201-545-9 | 84-61-7 | TRC, EDP |



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|---|--|--------------------|----------------------|---------------------------------|
| 20th SVHC in the Candidate List 候選清單中第二批高度關注物質(2019.01) | | | | |
| 192 | 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 |
| 193 | Benzo[k]fluoranthene 苯并[k]芘 | 205-916-6 | 207-08-9 | Carcinogenic PBT, vPvB |
| 194 | Fluoranthene 芘 | 205-912-4 | 206-44-0 | PBT, vPvB |
| 195 | Phenanthrene 菲 | 201-581-5 | 85-01-8 | vPvB |
| 196 | Pyrene 芘 | 204-927-3 | 129-00-0 | PBT, vPvB |
| 197 | 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 |
| 21st SVHC in the Candidate List 候選清單中第二十一批高度關注物質(2019.07) | | | | |
| 198 | 2-Methoxyethyl acetate 2-甲氧基乙酸乙酯 | 203-772-9 | 110-49-6 | TRC |
| 199 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) 三(4-壬基苯基·支鍊和直鍊)亞磷酸酯(TNPP) (4-壬基酚 4-NP·支鍊和直鍊濃度 $\geq 0.1\%$ 重量比) | -- | -- | EDP |
| 200 | 2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) 2,3,3,3-四氟-2-(七氟丙氧基)丙酸·即其鹽類與鹵化醮類 (包括它們各自的異構物及其組合) | -- | -- | Equivalent concern |
| 201 | 4-tert-butylphenol 4-叔丁基苯酚 | 202-679-0 | 98-54-4 | EDP |
| 22nd SVHC in the Candidate List 候選清單中第二十二批高度關注物質(2020.01) | | | | |
| 202 | 2-Benzyl-2-dimethylamino-4'-morpholinobutyrophenone 2-苄基-2-二甲基氨基-1-(4-嗎啉基)丁酮 | 404-360-3 | 119313-12-1 | TRC |
| 203 | 2-Methyl-1-(4-methylthiophenyl)-2-morpholino propan-1-one 2-甲基-1-[4-(甲硫代)苯基]-2-(4-嗎啉基)-1-丙酮 | 400-600-6 | 71868-10-5 | TRC |
| 204 | Diisohexyl phthalate 二異己基鄰苯二甲酸酯 | 276-090-2 | 71850-09-4 | TRC |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts 全氟丁烷磺酸及其鹽類 | -- | -- | Equivalent concern |
| 23rd SVHC in the Candidate List 候選清單中第二十三批高度關注物質(2020.06) | | | | |
| 206 | 1-vinylimidazole 1-乙炔基咪唑 | 214-012-0 | 1072-63-5 | TRC |
| 207 | 2-methylimidazole 2-甲基咪唑 | 211-765-7 | 693-98-1 | TRC |
| 208 | Butyl 4-hydroxybenzoate 4-羥基甲酸丁酯 | 202-318-7 | 94-26-8 | EDP |
| 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin 二丁基雙(乙醯丙酮基)錫 | 245-152-0 | 22673-19-4 | TRC |



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| 24th SVHC in the Candidate List 候選清單中第二十四批高度關注物質(2021.01) | | | | |
| 210 | Bis(2-(2-methoxyethoxy) ethyl) ether 雙(2-(2-甲氧基乙氧基)乙基)醚 | 205-594-7 | 143-24-8 | TRC |
| 211 | Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety 二月桂酸二辛基錫，錫烷，二辛基-，雙(椰油醯氧基)衍生物，以及任何其他錫烷，二辛基-，雙(脂肪醯氧基)衍生物。其中 C12 為脂肪醯氧基部分的主要碳原子數 | -- | -- | TRC |
| 25th SVHC in the Candidate List 候選清單中第二十五批高度關注物質(2021.07) | | | | |
| 212 | 2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers 2-(4-叔丁基苄基)丙醛及其各自立體異構物 | -- | -- | TRC |
| 213 | Orthoboric acid, sodium salt 硼酸鈉鹽 | 237-560-2 | 13840-56-7 | TRC |
| 214 | 2,2-bis(bromomethyl)propane-1,3-diol (BMP) 2,2-雙(溴甲基)-1,3-丙二醇 2,2-dimethylpropan-1-ol, tribromo derivative / 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 3-溴-2,2-雙(溴甲基)-1-丙醇 2,3-dibromo-1-propanol (2,3-DBPA) 2,3-二溴-1-丙醇 | 221-967-7 | 3296-90-0 | Carcinogenic |
| | | 253-057-0 | 36483-57-5/ 1522-92-5 | |
| | | 202-480-9 | 96-13-9 | |
| 215 | Glutaral 戊二醛 | 203-856-5 | 111-30-8 | RSP |
| 216 | Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17] 中鏈氯化石蠟[UVCB 物質，含量大於或等於 80% 碳鏈長度在 C14 至 C17 範圍內的直鏈氯化烷烴] | -- | -- | PBT, vPvB |
| 217 | Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) 透過由寡聚物反應烷基化的酚產物(主要在對位位置)具有 12 個碳支鏈或直鏈，並涵蓋其他同分異構物與/或其它組合 | -- | -- | TRC EDP |



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| 25th SVHC in the Candidate List 候選清單中第二十五批高度關注物質(2021.07) | | | | |
| 218 | 1,4-dioxane 1,4-二氧六環 | 204-661-8 | 123-91-1 | Carcinogenic Equivalent concern |
| 219 | 4,4'-(1-methylpropylidene) bisphenol; (bisphenol B) 雙酚 B | 201-025-1 | 77-40-7 | EDP |
| 26th SVHC in the Candidate List 候選清單中第二十六批高度關注物質(2022.01) | | | | |
| 220 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC) 6,6'雙二叔丁基-2,2'-亞甲基雙對甲酚 | 204-327-1 | 119-47-1 | TRC |
| 221 | tris(2-methoxyethoxy) vinylsilane 三(2-甲氧基乙氧基)乙烯基矽烷 | 213-934-0 | 1067-53-4 | TRC |
| 222 | (±)-1,7,7-trimethyl-3-[(4-methylphenyl) methylene] bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC) (±)-1,7,7-三甲基-3-[(4-甲基苯基)亞甲基]二環[2.2.1]庚 烷-2-酮，包括各個異構體和/或其組合 | -- | -- | EDP |
| 223 | S-(tricyclo(5.2.1.0 ² ,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2- ethylhexyl) phosphorodithioate 硫-(三環[5.2.1.0 ² ,6]癸-3-烯-8(或 9)-基) 氧-(異丙基或異 丁基或 2-乙基己基) 氧-(異丙基或異丁基或 2-乙基己基)二 硫代磷酸酯 | 401-850-9 | 255881-94-8 | PBT |
| 27th SVHC in the Candidate List 候選清單中第二十七批高度關注物質(2022.06) | | | | |
| 224 | N-(hydroxymethyl)acrylamide N-(羥甲基)丙烯醯胺 | 213-103-2 | 924-42-5 | Carcinogenic Mutagenic |



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| 28th SVHC in the Candidate List 候選清單中第二十八批高度關注物質(2023.01) | | | | |
| 225 | 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] 1,2-二(2,4,6-三溴苯氧基)乙烷 | 253-692-3 | 37853-59-1 | vPvB |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 四溴雙酚 A | 201-236-9 | 79-94-7 | Carcinogenic |
| 227 | 4,4'-sulphonyldiphenol 雙酚 S | 201-250-5 | 80-09-1 | TRC EDP |
| 228 | Barium diboron tetraoxide 偏硼酸鋇 | 237-222-4 | 13701-59-2 | TRC |
| 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof 3,4,5,6-四溴-1,2-苯二羧酸雙(2-乙基己基)酯，包括包括任何單獨的異構體和/或其組合 | -- | -- | vPvB |
| 230 | Isobutyl 4-hydroxybenzoate 4-羥基苯甲酸 2-甲基丙酯 | 224-208-8 | 4247-02-3 | EDP |
| 231 | Melamine 三聚氰胺 | 203-615-4 | 108-78-1 | Equivalent concern |
| 232 | Perfluoroheptanoic acid and its salts 全氟庚酸及其鹽 | -- | -- | TRC PBT vPvB Equivalent concern |
| 233 | reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine 2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷-2-基)嗎啉和 2,2,3,3,5,5,6,6-八氟-4-(七氟丙基)嗎啉的反應物料 | 473-390-7 | -- | vPvB |



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| 29th SVHC in the Candidate List 候選清單中第二十九批高度關注物質(2023.06) | | | | |
| 234 | Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide 二苯基(2,4,6-三甲基苯甲酰基)氯化膦 | 278-355-8 | 75980-60-8 | TRC |
| 235 | Bis(4-chlorophenyl) sulphone 雙(4-氯苯基)磺 | 201-247-9 | 80-07-9 | vPvB |

Remarks: Carcinogenic = 致癌性
 備註 Mutagenic = 致誘變
 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
 STOT = Specific target organ toxicity after repeated exposure 重複暴露後致特定器官毒性
 RSP = Respiratory sensitising properties 呼吸敏感性
 Equivalent concern = 相同危害等級
 ** = The Dec 19, 2011 'Aluminosilicate Refractory Ceramic Fibres' and 'Zirconia Aluminosilicate Refractory Ceramic Fibres' listings open the scope of these items from the original listing (Jan 1, 2010). Although these two modified substances are counted as additions to the existing list, they are revisions of the original substance listings to ensure all hazardous versions are covered. As of Jun 18, 2012, these entries have been consolidated; there is now one entry for 'Aluminosilicate Refractory Ceramic Fibres' and one entry for 'Zirconia Aluminosilicate Refractory Ceramic Fibres'.
 "矽酸鋁陶瓷耐火纖維"與"矽酸鋁氧化鋁陶瓷耐火纖維"於 2011 年 12 月 19 日從原來的清單中 (2010 年 01 月 01 日) 再被提出討論。雖然這兩個物質是以新增加項目的型態被計算於原有清單中，但是它們僅是修訂原有清單資訊以確保所有的危害形態都被包含於清單中。在 2012 年 06 月 18 日時，這些項目被合併起來，所以現在只有各一個"矽酸鋁陶瓷耐火纖維"與"矽酸鋁氧化鋁陶瓷耐火纖維"項目。

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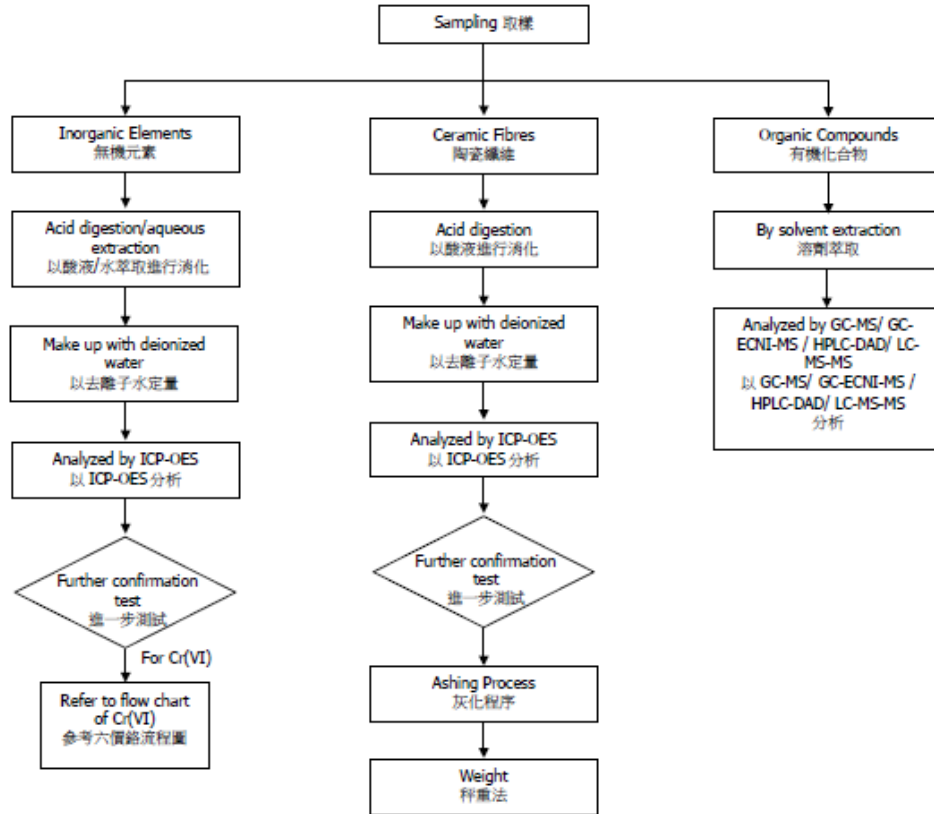
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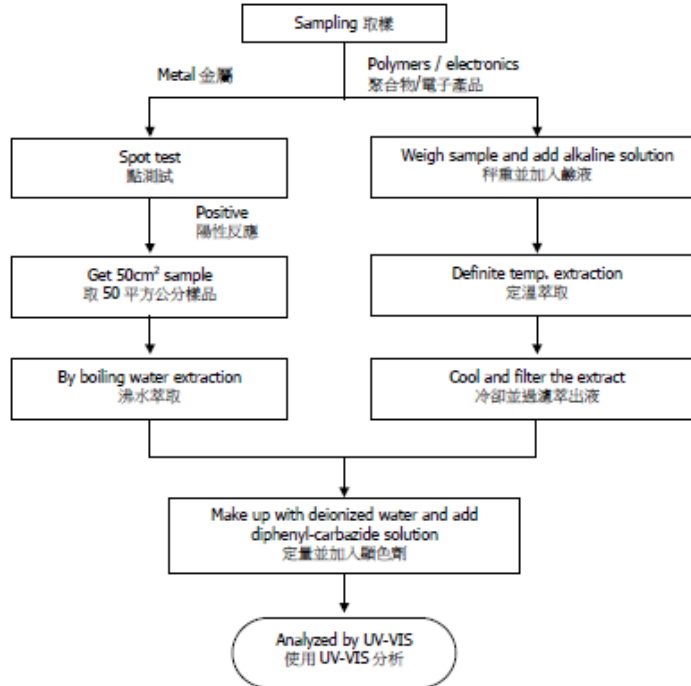

Test Conducted 測試內容 :

Measurement Flowchart 測試流程圖:



Test Conducted 測試內容 :

Test for Chromium (VI) Content 六價鉻測試流程圖

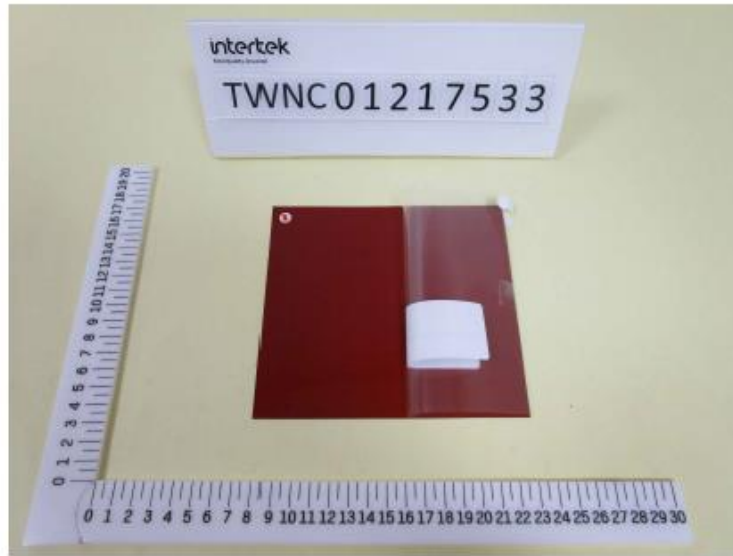




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Sample photo 樣品照片:

The tested part is indicated with the red arrow on the sample photo
樣品中紅色箭頭表示實際測試樣品部位



End of Report

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