

SVHC SURVEY FORM FOR REACH

REACH高關注物質調查表

Supplier Information 供應商資訊:

Company stamp 公司印章:

Supplier Name 供應商名稱	
Company Address 公司地址	
Legal Representative 法定代表人	
Representative Title 代表人職稱	
Contact Phone 聯絡電話	
Reply Date 回覆日期	
Product Type 產品類型	

REACH高關注物質(SVHC)清單:

Item 項目	Name of chemical substances 化學物質名稱	Application 應用	CAS No. 學文摘號	化	Contained (Y/N) 是否含有	Content part 含有部件	Content 含有量 (PPM)	Part Weight 部件重量 (g)	What use in pars 用途描述
The 15 items SVHC lists limits which the first officially promulgated by ECHA(Enacted on Oct 28,2008)									
第一批15種SVHC物質清單 (發布日期2008.10.28)									
1	Anthracene 蒽	Dye intermediates, pesticides, wood preservatives 染料中间体、杀虫剂、木材防腐	120-12-7						
2	4,4'- Diaminodiphenylmethane 4,4'-二氨基二苯甲烷	Azo dyes, the epoxy curing agents of rubber 偶氮染料、橡胶的环氧树脂固化	101-77-9						
3	Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯	Plasticizers, adhesives and printing ink additives 增塑剂、粘合剂和印刷油墨的添加剂	84-74-2						
4	Benzyl butyl phthalate (BBP) 邻苯二甲酸丁苄酯	Vinyl foam, brick and plasticizers of synthetic leather 乙烯基泡沫、耐火砖和合成皮革的增塑剂	85-68-7						
5	Cobalt dichloride 二氯化钴	Desiccant in the moisture indicator, and cobalt-containing compounds used; vitamin B12, toner, some of the synthetic raw material feed and veterinary drugs 干燥剂中的湿度指示剂, 以及用	7646-79-9						
6	Diarsenic pentaoxide 五氧化二砷	Fungicides, herbicides 杀菌剂、除草剂	1303-28-2						
7	Diarsenic trioxide 三氧化二砷	Fungicides, herbicides 杀菌剂、除草剂	1327-53-3						
8	Sodium dichromate, dehydrate 重铬酸钠二水合物	Metal finishing, leather, textile dyes, wood preservatives 金属表面精整、皮革制作、纺织	7789-12-0						
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	Perfume, cosmetics 香水、化妆品	81-15-2						
10	Bis(2-ethyl(hexyl)phthalate) (DEHP) 邻苯二甲酸二(2-乙基己)酯	PVC plasticizers, hydraulic rinds and insulato rin the capacitors PVC增塑剂、液压液体和电容器	117-81-7						
11	Hexabromocyclododecane (HBCDD) and all major Diastereoisomers identified : 六溴环十二烷(HBCDD)以及所有主要的非對應異構體 a-HBCDD,b-HBCDD,v-HBCDD)	Flame retardants (mainly for polystyrene), used in construction, building and fire-retardant fabrics and electrical and electronic products 阻燃剂(主要用于聚苯乙烯), 用	25637-99-4 134237-50-6 134237-51-7 134237-52-8						
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡	Metalworking lubricants, rubber and leather clothing, glue 金属加工过程的润滑油、橡胶和皮革衣料、胶水	85535-84-8						
13	Bis(tributyltin)oxide (TBTO) 三丁基氧化锡	wood preservatives 木材防腐剂	56-35-9						
14	Lead hydrogen arsenate 酸式砷酸铅	pesticides 杀虫剂	7784-40-9						
15	Triethyl arsenate 三乙基砷酸酯	wood preservatives 木材防腐剂	15606-95-8						
The 13 items SVHC list limits which the second officially promulgated by ECHA (Enacted on Jan 13,2010)									
第二批13種SVHC物質清單 (發布日期2010.1.13)									
16	Anthracene oil 蒽油	Paint, wood preservative, insecticide 涂料、木材防腐、杀虫剂	90640-80-5						
17	Anthracene oil, anthracene paste, distn. Lights 蒽油, 蒽糊, 轻油	Paint, wood preservative, insecticide 涂料、木材防腐、杀虫剂	91995-17-4						
18	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分	Paint, wood preservative, insecticide 涂料、木材防腐、杀虫剂	91995-15-2						
19	Anthracene oil, anthracene-low 蒽油, 含量量少	Paint, wood preservative, insecticide 涂料、木材防腐、杀虫剂	90640-82-7						
20	Anthracene oil, anthracene Paste 蒽油, 蒽糊	Paint, wood preservative, insecticide 涂料、木材防腐、杀虫剂	90640-81-6						
21	Coal tar pitch, high Temperature 煤沥青, 高温	Coatings, waterproofing, wood processing 涂料、防水层、木材加工	65996-93-2						

22	2,4-Dinitrotoluene 2,4-二硝基甲苯	Used as an alternative to PVC plasticizers. Common in PVC Consumer goods, such as children's clothing, toys, fake purses, varnish, Paints, adhesives, etc. 常用作PVC的替代增塑剂。常见于聚氯乙烯的消费品中,如儿童服装,玩具,假皮包,清漆,油漆,粘合剂等	121-14-2					
23	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯	Ink additives, rubber and plastic colorants 油墨添加剂, 橡塑胶着色剂	84-69-5					
24	Lead chromate 铬酸铅	Ink additives, rubber and plastic colorants 油墨添加剂, 橡塑胶着色剂	7758-97-6					
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 硫酸铅铬钼红(C.I. 颜料红104)	Ink additives, rubber and plastic colorants 油墨添加剂, 橡塑胶着色剂	12656-85-8					
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 铬酸铅黄(C.I. 颜料黄34)	Ink additives, rubber and plastic colorants 油墨添加剂, 橡塑胶着色剂	1344-37-2					
27	Tris(2-chloroethyl)phosphate (TCEP) 磷酸三(2-氯乙基)酯	Flame retardants, especially with the flexible and rigid polyurethane and poly-isocyanurate foam. In upholstered furniture, mattresses, car interiors, and textile coating 阻燃剂, 特别是与聚氨酯和聚异氰酸酯泡沫。在软垫家具, 床垫, 汽车内饰, 和纺织涂层	115-96-8					
28	Acrylamide 丙烯酰胺	Synthetic dyes; cross-linking agent; adjust the status of the soil reagents; gelling agent; sewage and waste disposal; ore processing, adhesives, paper and textile industry, iron cloth 合成染料; 交联剂; 调整土壤状况; 絮凝剂; 污水和废物处理; 矿石加工, 粘合剂, 造纸和纺织工业, 铁布	79-06-1					

The 8 items SVHC lists limits which the third officially promulgated by ECHA (Enacted on Jun 18,2010)
第三批8種SVHC物質清單 (發布日期2010.6.18)

29	Trichloroethylene 三氯乙烯	Chemical cleaning and industrial 化學清洗、工業脫脂	79-01-6					
30	Boric acid 硼酸	Glass, enamel, medicine, metallurgy 玻璃、搪瓷、醫藥、冶金	10043-35-3 11113-50-1					
31	Disodium tetraborate, anhydrous 四硼酸鈉, 無水	Analytical reagent 分析試劑	1305-96-4 1330-43-4 12170-04-3					
32	Tetraboron disodium heptaoxide, hydrate 四硼酸鈉, 水合物	Glass, cleaner 玻璃、清潔劑	12267-73-1					
33	Sodium chromate 鉻酸鈉	Dyeing, paint 印染、油漆	7775-11-3					
34	Potassium chromate 鉻酸鉀	Production of chemical reagents, pigments 化學試劑、顏料生產	7789-00-6					
35	Ammonium dichromate 重鉻酸銨	Printing and dyeing, petroleum processing, spices 印刷和染色, 石油加工, 香料	7789-09-5					
36	Potassium dichromate 重鉻酸鉀	Chromium chemicals, mordant 鉻化學品、媒染劑	7778-50-9					

The 8 items SVHC lists limits which the fourth officially promulgated by ECHA (Enacted on Dec 15,2010)
第四批8種SVHC物質清單 (發布日期2010.12.15)

37	Cobalt(II) sulphate 硫酸鈷	Manufacture of other chemicals, more as a catalyst, drying agent, Surface treatment agent (eg, electroplating), anti-corrosion, coloring, bleaching, Batteries 生产其他化学品, 更多用作催化剂、干燥剂、	10124-43-3					
38	Cobalt(II) dinitrate 硝酸鈷	Manufacture of other chemicals, more as a catalyst, surface treatment 生产其他化学品, 更多用作催化	10141-05-6					
39	Cobalt(II) carbonate 碳酸鈷	Production of other chemicals, as catalysts, food additives, Pigments, adhesives and so on. 生产其他化学品, 用作催化剂、食品添加剂、	513-79-1					
40	Cobalt(II) diacetate 醋酸鈷	Production of other chemicals, as catalysts, surface treatment, Alloys, pigments, dyes, rubber, glue, food additives. 生产其他化学品, 用作催化剂、	71-48-7					
41	2-Methoxyethanol 乙二醇單甲醚	Used as solvents, intermediates, fuel additives 用作溶剂、中间体、燃料添加剂	109-86-4					
42	2-Ethoxyethanol 乙二醇單乙醚	Used as solvents, intermediates 用作溶剂、中间体	110-80-5					
43	Chromium trioxide 三氧化鉻	Post-processing of metal and wood preservative stabilizer 金属后处理和木材防腐稳定剂	1333-82-0					
44	Chromic acid/ Dichromic acid/oligomers of Chromic acid and Dichromic acid 鉻酸/重鉻酸/鉻酸和重鉻酸的低聚物	Post-processing of metal and wood preservative stabilizer 金属后处理和木材防腐稳定剂	7738-94-5 13530-68-2					

The 7 items SVHC lists limits which the fifth officially promulgated by ECHA (Enacted on Jun 20,2011)
第五批7種SVHC物質清單 (發布日期2011.06.20)

45	2-ethoxyethyl acetate 乙二醇乙醚乙酸酯	Chemical solvents for paints, coatings, varnishes, etc.; chemical synthesis of raw materials for building materials, manufacturing, rubber, plastics, industrial dyes, and glue. 油漆、塗料、光澤劑等的化學溶劑; 建築材料、製造、橡膠、塑料、工業染料和膠水的化學合成原料	111-15-9					
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46	strontium chromate 铬酸锶	Metal surface rust paint; paints, varnishes, adhesives, sealants, thinner, paint ingredients etc. 金属表层的防锈颜料; 油漆, 清漆, 黏合剂, 密封剂, 稀释剂,	7789-06-2					
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 邻苯二甲酸二(C7-11 支链与直链)烷基酯	Used in adhesives, paint, varnish; widely used in building materials, softeners, PVC plastics, roof coatings, outdoor decoration, waterproof fabrics, cement, and wire insulation for electronic communications plasticizer.	68515-42-4					
48	Hydrazine 肼	Rust; pharmaceutical, pesticide, paint, ink, dyes and other synthetic organic materials, composite materials and polymer monomer 防锈剂; 制药, 农药, 油漆, 油墨	7803-57-8					
49	1-methyl-2-pyrrolidone N-甲基吡咯烷酮	For high temperature paint, acrylic latex, styrene latex; for industrial and household cleaners such as paint remover, industrial degreasers, photoresist stripping solution 用于高温涂料, 丙烯酸乳液, 苯	872-50-4					
50	1,2,3-trichloropropane 1,2,3-三氯丙烷	for pesticides, chlorinated solvents, used as Thiokol, the crosslinking agent hexafluoropropylene 用于杀虫剂, 氯化溶剂, 用作聚	96-18-4					
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich 邻苯二甲酸二(C6-8 支链与直链)烷基酯, 富C7	PVC plastics, sealants, printing inks, paints and other plasticizers PVC 塑胶, 密封剂, 印刷油墨, 涂料等的增塑剂	71888-89-6					

**The 20 items SVHC lists limits which the sixth officially promulgated by ECHA (Enacted on Dec 19,2011)
第六批20種SVHC物質清單 (發布日期2011.12.19)**

52	Dichromium tris(chromate) 铬酸铬	Mainly used for aerospace, steel and aluminum paint industry in the metal surface treatment. 主要用于航空/航天, 钢铁和铝涂	24613-89-6					
53	Potassium hydroxyoctaoxidizincatedi-chromate 氢氧化铬酸锌钾	Mainly used in aviation / aerospace coatings, steel and aluminum coil coatings and automotive coatings industry. 主要用于航空/航天用涂料, 钢铁	11103-86-9					
54	Pentazine chromate octahydroxide 锌黄	Mainly used in aviation / aerospace coatings and automotive coatings. 主要用于航空/航天用涂料和汽车涂	49663-84-5					
55	Aluminosilicate Refractory Ceramic Fibres (RCF) 硅酸鋁耐火陶瓷纖維 (RCF)	High temperature insulating refractory ceramic fibre, almost exclusively for the industry (including industrial furnace equipment, automobile and aircraft / aerospace equipment insulation) and fire prevention(including construction and industrial processing	/					
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) 氧化鋯硅酸鋁耐火陶瓷纖維 (Zr-RCF)	High temperature insulating refractory ceramic fibre, almost exclusively for the industry (including industrial furnace equipment, automobile and aircraft / aerospace equipment insulation) and fire prevention(including construction and industrial processing	/					
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA) 甲醛与苯胺的低聚反应产物	Mainly used in the manufacture of other substances. Minor uses as curing agent of epoxy resin, such as production volumes, pipeline and die, as well as adhesive. 主要用于制造其他物质。次要用途是作为环氧树脂固化剂, 例如生产卷, 管道和模具, 以及黏合剂。	25214-70-4					
58	Bis(2-methoxyethyl) phthalate 邻苯二甲酸二甲氧乙酯	In the past the main purpose is to be used as polymer materials, coatings, paints and varnishes, including plasticizer in printing inks. 在过去的用途是作为高分子材料, 涂料, 油漆和清漆, 包括	117-82-8					
59	2-Methoxyaniline;o-Anisidine 邻甲氧基苯胺	Mainly used in the manufacture of tattoo dye and paper, polymer and aluminum foil coloring. 主要用于制造纹身染料和纸, 聚	90-04-0					
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) 4-(1,1,3,3-四甲基丁基)苯酚 (4-(叔辛基)苯酚)	Mainly used in the manufacture of polymers and polyoxyethylene ethers. Also used as adhesives, coatings, inks and rubber components 主要用于制造聚合物和聚氧乙烯醚。还用作黏合剂, 涂料, 油墨	140-66-9					
61	1,2-Dichloroethane 1,2-二氯乙烷	Mainly used in the manufacture of other substances. Minor uses the chemical and pharmaceutical industries and as a solvent. 主要用于制造其他物质。次要用	107-06-2					
62	Bis(2-methoxyethyl)ether 双(2-甲氧基乙基)醚	Mainly as a reaction solvent. Also used as a battery electrolyte solvent, and possibly in other products, such as sealants, adhesives, fuel and car care products used as solvent. 主要作为反应溶剂。也用作电池电	111-96-6					
63	Arsenic acid 砷酸	Mainly used for removing air bubbles from the molten glass ceramics, production of laminated printed circuit board to improve the adhesion between the copper foil and a resin 主要用于从熔融陶瓷玻璃中去除	7778-39-4					

64	Calcium arsenate 砷酸鈣	At present, calcium arsenate in the production of copper, lead and precious metal complex import raw materials. Mainly used for separation from molten copper tin, arsenic trioxide, manufacturing metallurgical refining process. While most as waste disposal.	7778-44-1					
65	Trilead diarsenate 砷酸鉛	At present, the lead arsenate lies in the production of copper, lead and precious metal complex import raw materials. The material contained in the lead arsenate in metallurgical refining process for converting calcium arsenate and arsenite trioxide. Most of the calcium arsenate as the disposal of waste oxidation of two arsenic and continue to use.	3687-31-8					
66	N,N-dimethylacetamide (DMAC) N,N-二甲基乙酰胺	In the manufacture of a variety of materials and production for clothing and other applications of the fiber used as solvent. Also used to remove the industrial coatings, polyimide film, paint stripping agent and ink solvent. 在制造各种物质和生产用于服装及其他应用的纤维中作为溶剂使用。也用作去除工业涂料，聚酰亚胺薄膜，脱漆剂和油墨等的溶剂。	127-19-5					
67	2,2'-dichloro-4,4'-methylenedianiline 2,2'-二氯-4,4'-二氨基二苯基甲烷	As resin curing agent, polymer production and other substances. The substance may also be used in the construction and art. 作为树脂固化剂，生产聚合物及	101-14-4					
68	Phenolphthalein 酚酞	Mainly used as a laboratory reagent (pH index), the production of PH test paper and medicinal products. 主要用作实验室试剂（pH 值指标），生产PH 试纸和药用产品。	1977/9/8					
69	Lead azide Lead diazide 叠氮化鉛	Mainly used for civilian and military use of the detonator and pyrotechnic devices starter or supercharger. 主要用作民用和军事用途的雷管和烟火装置的启动器或增压器。	13424-46-9					
70	Lead styphnate 收斂酸鉛	Mainly used for small-caliber rifle ammunition primer. Other common uses are fireworks, ammunition, detonators and civil drive. 主要用于小口径步枪弹药底漆。	15245-44-0					
71	苦味酸鉛 Lead dipicrate	No such substances registration. Lead dipicrate such as leaddiazide and lead styphnate explosive. And other two kinds of lead compounds for a detonator. 没有这种物质的注册。Lead dipicrate 如leaddiazide 和 lead styphnate 一样有爆炸性。与其他两种铅化合物混合用于雷管中。	6477-64-1					

**The 13 items SVHC lists limits which the seventh officially promulgated by ECHA (Enacted on Jun 18,2012)
第七批13種SVHC物質清單（發布日期2012.6.18）**

72	1,2-bis(2-methoxyethoxy)ethane(TEGDME;tri glyme)	Mainly used as a solvent or as a processing aid in the manufacture and formulation of industrial chemicals. Minor use in brake fluids and repair of motor vehicles. 主要用作	112-49-2					
73	1,2-dimethoxyethane;ethylene glycol dimethyl ether(EGDME) 乙二醇二甲醚	Mainly used as a solvent or as a processing aid in the manufacture and formulation of industrial chemicals, including use as an electrolyte solvent in lithium batteries. 主要用作工業化學品製造和配方設計的溶劑或加工助劑，包括用作鋰電池的電解液溶劑。	110-71-4					
74	Diboron trioxide 三氧化二硼	Used in a multitude of applications, e.g., in glass and glass fibres, frits, ceramics, flame retardants, catalysts, industrial fluids, metallurgy, adhesives, inks/paints, film developers solutions, detergents and cleaners, biocides and insecticides. 應用廣泛，比如玻璃和玻璃纖維	1303-86-2					
75	Formamide 甲酰胺	Mainly used as an intermediate. Minor uses as solvent, as reagent chemical (in the pharmaceutical industry) and as laboratory chemical. The substance seems further to be used in the agrochemical industry and as a plasticiser	75-12-7					
76	Lead(II) bis(methanesulfonate) 甲基磺酸鉛	Mainly used in plating (both electrolytic and electroless) processes for electronic components (such as printed circuit boards). 主要用于電子元器件（如印刷電路板）的電鍍工藝。	17570-76-2					

77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 異氰尿酸三縮水甘油酯	Mainly used as a hardener in resins and coatings; also used in inks for the printed circuit board industry, electrical insulation material, resin moulding systems, laminated sheeting, silk screen printing coatings, tools, adhesives, lining materials and	2451-62-9					
78	β -TGIC(1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 異氰尿酸 β -三縮水甘油酯	Mainly used as a hardener in resins and coatings; also used in inks for the printed circuit board industry, electrical insulation material, resin moulding systems, laminated sheeting, silk screen printing coatings, tools, adhesives, lining materials and	59653-74-6					
79	4,4'-bis(dimethylamino)benzophenone(Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮(米氏酮)	Intermediate in the manufacture of triphenylmethane dyes and other substances. Further potential uses include as additive (photosensitiser) in dyes and pigments, in dry film products, as a process chemical in the production of electronic circuit boards, in research and development applications. 用于三苯甲烷類染料和其他物質製造的中間體。其他潛在用途包括染料和顏料的添加劑(光敏劑), 干膜產品的添加劑; 作為電子電路板生產的化學助劑, 以及研發用途。	90-94-8					
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline(Michler's base) 4,4'-(對二甲氨基)二苯基甲烷(米氏碱)	Used in the manufacture of dyes and other substances. Used also as chemical reagent in research and development. 用于染料和其他物質製造的中間體。用作化學試劑。	101-61-1					
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride(C.I. Basic Violet 3) C.I. 碱性紫3	Used mainly for paper colouring and inks supplied in printer cartridges and ball pens. Further uses include staining of dried plants, marker for increasing the visibility of liquids, staining in microbial and clinical laboratories. 主要用于紙張著色, 打印機墨盒和圓珠筆中的墨水。其他用途包括染料和顏料的添加劑(光敏劑), 干膜產品的添加劑; 作為電子電路板生產的化學助劑, 以及研發用途。	548-62-9					
82	(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride(C.I. Basic Blue 26) C.I. 碱性藍26	Used in the production of inks, cleaners, and coatings, as well as for dyeing of paper, packaging, textiles, plastic products, and other types of articles. It is also used in diagnostic and analytical	2580-56-5					
83	4,4'-bis(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol(C.I. Solvent Blue 4) C.I. 溶劑藍4	Mainly used in the production of printing and writing inks, for dyeing of paper and in mixtures such as windscreen washing agents	6786-83-0					
84	4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol α,α -二[(二甲氨基)苯基]-4-氨基苯基甲醇	Used in the production of writing inks and potentially in the production of other inks, as well as for dyeing of a variety of materials. 用于書寫油墨的生產, 也可應用	561-41-1					

The 54 items SVHC lists limits which the eighth officially promulgated by ECHA(Enacted on Dec 19,2012)
第八批54種SVHC物質清單(發布日期2012.12.19)

85	[Phthalato(2-)]dioxotrilead 二酞基邻苯二甲酸鉛	Used in plastic products, and other articles. 用於塑料等產品。	69011-06-9					
86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 1,2-苯二酸-二(支鏈與直鏈)戊基酯	Plasticizer of resin 增塑劑	84777-06-0					
87	1,2-Diethoxyethane 乙二醇二乙醚	Used in inks/paints, Used as chemical intermediate. 用作油墨/油漆, 作為化學中間體	629-14-1					
88	1-Bromopropane 1-溴丙烷	Used as chemical intermediate for dyes and medicinal products. 作為化學中間體用於染料和醫藥	106-94-5					
89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)-1,3-噁唑啉	Used in rubber articles. 在橡膠製品材料中	143860-04-2					
90	Tetramethylbutylphenol, ethoxylated 對特辛基苯酚乙氧基醚4-(1,1,3,3-	Used in inks/paints, paper, packaging, textiles, plastic products, and other articles. 用於油墨/油漆, 紙張, 包裝, 紡	--					
91	4,4'-Methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基二苯甲烷	Mainly used as curing agent in resin and in the production of polymer articles 主要用作樹脂和聚合物的固化劑	838-88-0					
92	4,4'-Oxydianiline 4,4'-二氨基二苯醚	Used as chemical intermediate for dyes and used as curing agent in resin products. 作為化學中間體用於染料和樹脂	101-80-4					
93	4-Aminoazobenzene 4-氨基偶氮苯	Used as chemical intermediate for dyes products. 作為化學中間體用於染料產品	60-09-3					
94	4-Methyl-m-phenylenediamine 2,4-二氨基甲苯	Used as chemical intermediate for dyes and medicinal products. 作為化學中間體用於染料和醫藥	95-80-7					
95	4-Nonylphenol, branched and linear 4-壬基(支鏈與直鏈)苯酚	Used in inks/paints, paper, packaging, textiles, plastic products, and other articles. 用於油墨/油漆, 紙張, 包裝, 紡	--					
96	6-Methoxy-m-toluidine 2-甲氧基-5-甲基苯胺	Used as chemical intermediate for dyes products. 作為化學中間體用於染料產品	120-71-8					

97	Acetic acid, lead salt, basic 碱式乙酸鉛	Used in resin, solven, inks/paints 用於樹脂、溶劑、油墨/油漆等	51404-69-4					
98	Biphenyl-4-ylamine 4-氨基联苯	Used as chemical intermediate for dyes and medicinal products. 作為化學中間體用於染料和醫藥	92-67-1					
99	Bis(pentabromophenyl) ether (DecaBDE)十溴二苯醚	Flame retardants. 阻燃劑.	1163-19-5					
100	C,C'-azodi(formamide) 偶氮二甲酰胺	Used in resin, ink, pigment 用於樹脂、油墨、顏料等	123-77-3					
101	Dibutyltin dichloride 二丁基二氯化錫	in textiles, plastic products and rubber articles. 紡織和塑料/樹脂及橡膠製品的材	683-18-1					
102	Diethyl sulphate 硫酸二乙酯	Used in dyes and pigments, chemical intermediate 作為染料生產和化學聚合中間體	64-67-5					
103	Diisopentylphthalate (DIPP) 邻苯二甲酸二异戊酯	Plasticizer of resin 增塑劑	605-50-5					
104	Dimethyl sulphate 硫酸二甲酯	Used in dyes and pigments, chemical intermediate 作為染料生產和化學聚合中間體	77-78-1					
105	Dimoseb 地乐酚	In plastic products, and other articles. 在塑料等產品中	88-85-7					
106	Dioxobis(stearato)trilead 双(十八酸基)三氧化鉛	Used in plastic products, and other articles. 用於塑料等產品	12578-12-0					
107	Fatty acids, C16-18, lead salts C16-18-脂肪酸鉛	Used in plastic products, and other articles. 用於塑料等產品	91031-62-8					
108	Furan 呋喃	Used as solvent, chemical intermediate 作為溶劑和化學中間體	110-00-9					
109	Henicosfluoroundecanoic acid 全氟十一烷酸	Used as solvent in resin, leather, ink. 用作樹脂、皮革、油墨等的溶劑	2058-94-8					
110	Heptacosfluorotetradecanoic acid 全氟十四烷酸	Used in resin, paper, inks/paints 用作樹脂、紙張、油墨/油漆等	376-06-7					
111	Hexahydro-2-benzofuran-1,3-dione, 环己烷-1,2-二羧酸酐 cis-cyclohexane-1,2-dicarboxylic anhydride, 顺式-环己烷-1,2-二羧酸酐 trans-cyclohexane-1,2-dicarboxylic anhydride 反式-环己烷-1,2-二羧酸酐	Used as chemical intermediate, Hardener of epoxy 作為化學中間體、環氧樹脂固化 劑.	85-42-7 13149-00-3 14166-21-3					
112	Hexahydromethylphthalic anhydride, 甲基六氢邻苯二甲酸酐 Hexahydro-4- methylphthalic anhydride, 4-甲基六氢邻苯二甲酸酐 Hexahydro-1- methylphthalic anhydride, 1-甲基六氢邻苯二甲酸酐 Hexahydro-3- methylphthalic anhydride 3-甲基六氢邻苯二甲酸酐	Used as chemical intermediate. 作為 化學中間體	25550-51-0 19438-60-9 48122-14-1 57110-29-9					
113	Lead bis(tetrafluoroborate) 四氟硼酸鉛*	Mainly used as laboratory agent for the production and in plating products. 主要用作實驗室試劑、用於電鍍	13814-96-5					
114	Lead cyanamidate 氨基氰鉛盐*	Use in surface treatment, corrosion prevention, pigment 用於表面處理、防銹、顏料	20837-86-9					
115	Lead dinitrate 硝酸鉛*	Used in resin, leather, ink., pigment 用於樹脂、皮革、油墨、顏料等	10099-74-8					
116	Lead monoxide 一氧化鉛 *	Multitude of applications, e.g. in pigment, glass and ceramics 多種用途，如顏料、玻璃、陶瓷 用品.	1317-36-8	Y	DHT*玻殼	>1000PPM		產品性能所 需，不與人 體接觸
117	Lead oxide sulphate 碱式硫酸鉛*	Used in plastic products, and other articles. 用於塑料等產品	12036-76-9					
118	Lead tetroxide 四氧化三鉛 *	Multitude of applications, e.g. in pigment, glass and ceramics 多種用途，如顏料、玻璃、陶瓷	1314-41-6					
119	Lead titanium trioxide 钛酸鉛*	Multitude of applications, e.g. in pigment, glass and ceramics 多種用途，如顏料、玻璃、陶瓷	12060-00-3					
120	Lead Titanium Zirconium Oxide 钛酸鉛锆*	Multitude of applications, e.g. in pigment, glass and ceramics 多種用途，如顏料、玻璃、陶瓷	12626-81-2					
121	甲氧基乙酸Methoxyacetic acid	Used as chemical intermediate. 作為 化學中間體	625-45-6					
122	N,N-dimethylformamide N,N-二甲基甲酰胺	Used as chemical intermediate. 作為 化學中間體	68-12-2					
123	N-甲基乙酰胺 N-methylacetamide	Used as chemical intermediate. 作為 化學中間體	79-16-3					
124	N-pentyl-isopentylphthalate 邻苯二甲酸正戊基异戊基酯	Plasticizer of resin 增塑劑	776297-69-9					
125	o-Aminoazotoluene 邻-氨基偶氮甲苯	Used as chemical intermediate for dyes products.. 作為化學中間體用於染料產品	97-56-3					
126	o-Toluidine 2-氨基甲苯	Used as chemical intermediate for dyes products.. 作為化學中間體用於染料產品	95-53-4					
127	Pentacosfluorotridecanoic acid 全氟十三烷酸	Used as solvent in resin, leather, ink. 用作樹脂、皮革、油墨等的溶劑	72629-94-8					
128	Pentalead tetraoxide sulphate 硫酸四氧化五鉛*	Multitude of applications, e.g. in pigment, batteries and in plating products. 多種用途，如顏料、電池、塑料	12065-90-6					

129	Propylene oxide 1,2-环氧丙烷	Used as chemical intermediate 作為化學中間體	75-56-9					
130	Pyrochlore, antimony lead yellow 鉛錒黃*	Multitude of applications, e.g. in glass and ceramics 多種用途, 如玻璃、陶瓷用品	8012-00-8					
131	Silicic acid, barium salt, lead-doped 摻雜鉛的矽酸鈣*	Multitude of applications, e.g. in glass and ceramics 多種用途, 如玻璃、陶瓷用品	68784-75-8					
132	Silicic acid, lead salt 矽酸鉛*	Multitude of applications, e.g. in glass and ceramics 多種用途, 如玻璃、陶瓷用品	11120-22-2					
133	Sulfurous acid, lead salt, dibasic 二碱式亞硫酸鉛*	Multitude of applications, e.g. in glass and ceramics 多種用途, 如玻璃、陶瓷用品	62229-08-7					
134	Tetraethyllead四乙基鉛	Used as additive for fuels. 作為燃料 添加劑	78-00-2					
135	Tetralead trioxide sulphate 硫酸三氧化四鉛*	Multitude of applications, e.g. in pigment, batteries and in plating products. 多種用途, 如顏料、電池、鍍料	12202-17-4					
136	Tricosfluorododecanoic acid 全氟十二烷酸	Used as solvent in resin, leather, ink. 用作樹脂、皮革、油墨等的溶劑	307-55-1					
137	Trilead bis(carbonate)dihydroxide 碱式碳酸鉛*	Used in resin, inks/paints, plastic products, and other articles. 用於樹脂、油墨、油漆和塑料等產	1319-46-6					
138	Trilead dioxide phosphonate 二碱式亞磷酸鉛*	Used in plating products. 鍍料等產品。	12141-20-7					

**The 6 items SVHC lists limits which the ninth officially promulgated by ECHA(Enacted on Jun 20,2013)
第9批6種SVHC物質清單(發布日期2013.6.20)**

139	Cadmium 鎘	Battery electrodes , anti-corrosive coating , catalysts , alloys and solar cells , pigments , stabilizers for plastics and polymers 電池電極 ; 防腐蝕塗層 ; 催化劑	7440-43-9					
140	Cadmium oxide 氧化鎘	Battery electrodes , anti-corrosive coating , glsaaes , alloys and photo- electronics , catalysts , pigments and ceramic glazes , usde to increase the heat resistance of polymers 電池電極 ; 防腐蝕塗層 ; 陶瓷電	1306-19-0					
141	全氟辛酸鈹(APFO)	fluoroelastomers , emulsifiers in the production of non-stick coating of cookware 氟聚合物和	3825-26-1					
142	Ammonium pentadecafluorooctanoate 全氟辛酸(PFOA)	fluoroelastomers , emulsifiers in the production of non-stick coating of cookware 氟聚合物和	335-67-1					
143	Dipentyl phthalate 鄰苯二甲酸二正戊酯 (DPP)	Plasticizer in PVC PVC中的增塑劑	131-18-0					
144	4-Nonylphenol, branched and linear, 4-壬基(支鏈與直鏈)苯酚乙氧基醚	Mimng , detergent , paints , lacquers and varnishes , leather and textile processing 浮腫 ; 洗滌劑 ; 油漆、塗料和清	-					

**The 7 items SVHC lists limits which the tenth officially promulgated by ECHA(Enacted on Dec 16,2013)
第10批7種SVHC物質清單(發布日期2013.12.16)**

145	Cadmium sulphide 硫化鎘	Pigment , semiconductor industry , stabilizer in plastic 顏料 ; 添加劑 ; 催化劑	1306-23-6					
146	Dihexyl phthalate 鄰苯二甲酸二正己酯(DNHP)	Plasticizer 塑化劑	84-75-3					
147	Disodium3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene- 1-sulphonate) CI直接紅28	Dye , PH indicator 染料, pH指示劑	573-58-0					
148	Disodium4-amino-3-[[4'-(2,4- diaminophenyl)azo][1,1'-biphenyl]-4- yl]azo]-5-hydroxy-6- (phenylazo)naphthalene-2,7- disulphonate	Dye 染料	1937-37-7					
149	Imidazolidine-2-thione; 2-imidazole- 2-thiol 亞乙基硫脲	Rubber products and tyres 橡膠產品和輪胎	96-45-7					
150	Lead di(acetate) 鉛底(醋酸)/醋酸鉛(II)	Pigment , semiconductor industry 塗層和塗層、電器設備	301-04-2					
151	Trixylyl phosphate 磷酸三二甲苯酚	Flame retardant in plastic,additive in lubricant 塑料中的阻燃劑、潤滑劑的添加 劑	25155-23-1					

**The 4 items SVHC lists limits which the eleventh officially promulgated by ECHA(Enacted on Jun 16,2014)
第11批4種SVHC物質清單(發布日期:2014.6.16)**

152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 鄰苯二甲酸二己酯(支鏈和直鏈)	Plasticizer, sealant/jointing agents. stabilizer in engine oil 塑化劑	68515-50-4					
153	Cadmium chloride 氯化鎘	Stabilizer in plastic, used for production of photovoltaic modules, used for production of other cadmium compounds 潤滑劑, 殺菌劑, 合成鎘化合物 之原料	10108-64-2					
154	Sodium perborate; perboric acid, sodium salt 過硼酸鈉	Bleaching agent. cleaning agent 漂白劑, 清潔劑, 化粧品	—					
155	Sodium peroxometaborate 過氧偏硼酸鈉	Bleaching agent. cleaning agent 漂白劑, 清潔劑	·7632-04-4					

The 6 items SVHC lists limits which the twelfth officially promulgated by ECHA(Enacted on Dec 17,2014)
第12批6種SVHC物質清單（發布日期2014.12.17）

156	2-(2H-苯並三唑-2-基)-4,6-二叔戊基苯酚 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	UV-stabilizer for plastic, polyurethanes and rubber, used in the formulation of coating	25973-55-1					
157	2-苯並三唑-2-基-4,6-二叔丁基苯基 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	UV-stabilizer for plastic, polyurethanes and rubber, used in the formulation of coating	3846-71-7					
158	二正辛基-双(2-乙基己基巖基乙酸酯) 錫 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	PVC heat stabiliser 聚氯乙稀熱穩定劑	15571-58-1					
159	氟化鎘 Cadmium fluoride	Electrical equipment 電子電氣設備	7790-79-6					
160	硫酸鎘 Cadmium sulphate	Battery, electroplating 電池, 電鍍	10124-36-4; 31119-53-6					
161	二正辛基-双(2-乙基己基巖基乙酸酯) 錫(DOTE)和單辛基-三(2-乙基己基巖基乙酸酯) 錫(MOTE)的反應物 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	PVC heat stabiliser 聚氯乙稀熱穩定劑	—					

The 2 items SVHC lists limits which the thirteenth officially promulgated by ECHA(Enacted on Jun 15,2015)
第13批2種SVHC物質清單（發布日期2015.6.15）

162	鄰苯二甲酸二(C6-C6)烷基酯：(癸基, 己基, 辛基)酯與1,2-鄰苯二甲酸的複合物且鄰苯二甲酸二己酯含量≥ 0.3% 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	增塑劑、潤滑油 Rubber and plastic articles, coating, paints, adhesives, lubricants	68515-51-5 68648-93-1					
163	[1]為卡拉花醛, [2]為卡拉花醛的一種同分異構化合物 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]	香料成份 Fragrance ingredient	-----					

The 5 items SVHC lists limits which the fourteenth officially promulgated by ECHA(Enacted on Dec 17,2015)
第14批5種SVHC物質候選清單（發布日期2015.12.17）

164	1,3-丙磺內脂 1,3-Propanesultone	用作中間體, 用於鋰離子電池的電解液 Mainly used as an intermediate; use as an electrolyte solutions in lithium batteries	1120-71-4					
165	2,4-二叔丁基-6-(5-氯苯并三唑-2-基)苯酚 (UV-327) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	塑料、聚氨酯和橡膠的紫外穩定劑; 塗料 UV-stabilizer for plastic, polyurethanes and rubber, used in the formulation of coating	3864-99-1					
166	2-(2H-苯并三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚 (UV-350) 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	塑料、聚氨酯和橡膠的紫外穩定劑; 塗料 UV-stabilizer for plastic, polyurethanes and rubber, used in the formulation of coating	36437-37-3					
167	硝基苯 Nitrobenzene	用作中間體, 制程助劑 Mainly used as an intermediate, as a processing aid	98-95-3					
168	全氟壬酸及其鈉盐和氨盐 Perfluorononan-1-oic acid its sodium and ammonium salts	用作表面活性劑, 清洗劑, 防水劑; 液晶面板 used as a surface active agent, Cleaning agent, water	375-95-1, 21049-39-8, 4149-60-4					

The 1 item SVHC lists limits which the fifteenth officially promulgated by ECHA(Enacted on Jun 20,2016)
第15批1種SVHC物質清單（發布日期2016.06.20）

169	苯并(a)芘 (BaP) Benzo [def] chrysene (Benzo[a] pyrene)	非有意添加, 一般為生產過程中的副產物或雜質存在 Normally not manufactured intentionally but may occur as a constituent or impurity in other substances	50-32-8					
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The 4 items SVHC lists limits which the sixteenth officially promulgated by ECHA(Enacted on Jan 12,2017)
第16批4種SVHC物質清單（發布日期2017.01.12）

170	4,4'-异亚丙基联苯酚 (双酚A) 4,4'-isopropylidenediphenol (bisphenol A)	合成树脂类高分子材料, 可用于生产阻燃剂、塑料抗氧剂、热敏纸助剂等 Manufacture of polycarbonate, epoxy resins and chemicals; hardener in	80-05-7					
171	全氟癸酸 (PFDA) 及其钠盐和铵盐 nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	用作增塑剂、润滑剂、表面活性剂、润湿剂和腐蚀抑制剂等 Lubricant, wetting agent, plasticiser and corrosion inhibitor	335-76-2 3830-45-3 3108-42-7					
172	对叔戊基苯酚 p-(1,1-dimethylpropyl)phenol	用于制造化学品和塑料制品 Manufacture of chemicals and plastic products	80-46-6					
173	4-庚基(支链与直链)苯酚 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]	用作材料中间体, 可用于合成润滑油和润滑油脂 Manufacture of polymers; formulation into lubricants	/					

**The 1 item SVHC lists limits which the seventeenth officially promulgated by ECHA(Enacted on Jul 07,2017)
第17批1種SVHC物質清單 (發布日期2017.07.07)**

174	Perfluorohexane-1-sulphonic acid and its salts 全氟己基磺酸及其盐类 (PFHxS)	Anti-fouling, waterproof and non-stick treatment, normally used in in fire foam components, surfactants, fluoropolymer manufacturing, water proof & anti-stains protecting coating in paper and textile. 防污、防水及不粘处理, 常用二磺防污树脂	/					
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**The 7 item SVHC lists limits which the eighteenth officially promulgated by ECHA(Enacted on Jan 15,2018)
第18批7種SVHC物質清單 (發布日期2018.01.15)**

175	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof) 德克隆[包括所有反式和顺式异构体及其组合]	Used as a non-plasticising flame retardant, used in adhesives and sealants and in binding agents 用作非增塑阻燃剂, 用于胶粘剂和密封剂以及粘合剂中。	13560-89-9; 135821-74-8; 135821-03-3					
176	Benz[a]anthracene 苯并[a]蒽	Normally not produced intentionally but rather occurs as a constituent or impurity in other substances 通常并不有意生成, 而是作为其他物质中的成分或杂质产生。	56-55-3, 1718-53-2					
177	Cadmium nitrate 硝酸镉	used in laboratory chemicals and for the manufacture of glass, porcelain and ceramic products 作为实验室化学品使用, 用于制造玻璃、瓷器和陶瓷制品	10022-68-1, 10325-94-7					
178	Cadmium carbonate 碳酸镉	Used as a pH regulator in water treatment products, cosmetics and personal care products 用作pH调节剂, 水处理产品, 实验室化学品, 化妆品和个人护理	513-78-0					
179	Cadmium hydroxide 氢氧化镉	Used in laboratory chemicals and for the manufacture of electrical, electronic and optical equipment 用于实验室化学品, 用于生产电气电子和光学设备	21041-95-2					
180	Chrysene 屈	Normally not produced intentionally but rather occurs as a constituent or impurity in other substances 通常不是有意产生, 而是作为其他物质的组分或者杂质	218-01-9, 1719-03-5					
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-噻二唑烷-2,5-二硫酮, 甲醛和4-庚基苯酚的支链和直链 (RP-HP) 的反应产物 [4-庚基苯酚, 支链和直链含量 ≥ 0.1% w / w]	Used as a lubricant additive in lubricants and greases 用作润滑剂和润滑油中的润滑添加剂	/					

The 10 item SVHC lists limits which the nineteenth officially promulgated by ECHA(Enacted on Jun 27,2018)
 第19批10種SVHC物質清單（發布日期2018.06.27）

182	Octamethylcyclotrisiloxane(D4) 八甲基环四硅氧烷 (D4)	Used in washing and cleaning products, polishes and waxes and cosmetics and personal care products,	556-67-2					
183	Decamethylcyclopentasiloxane (D5) 十甲基环五硅氧烷 (D5)	Used in washing and cleaning products, polishes and waxes, cosmetics and personal care products,	541-02-6					
184	Dodecamethylcyclohexasiloxane (D6) 十二甲基环六硅氧烷(D6)	Used in washing and cleaning products, polishes and waxes, cosmetics and personal care products,	540-97-6					
185	Lead 铅	Used in metals, welding and soldering products, metal surface treatment products, and polymers.	7439-92-1					
186	Disodium octaborate 八硼酸二钠	Used in anti-freeze products, heat transfer fluids, lubricants and greases.	12008-41-2					
187	Benzo[ghi]perylene 苯并(g,h,i)芘	Not registered under REACH. Normally not produced intentionally but rather occurs as a constituent or impurity in	191-24-2					
188	Terphenyl hydrogenated 氢化三联苯	Used as a plastic additive, solvent, in coatings/inks, in adhesives and	61788-32-7					
189	Ethylenediamine(EDA) 乙二胺 (EDA)	Used in adhesives and sealants, coating products, fillers, putties, plasters, modelling clay, pH regulators	107-15-3					
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA) 偏苯三酸酐 (TMA)	Used in the manufacture of esters and polymers. 如合成聚酯树脂、聚酰亚胺树脂、耐高温绝缘材料、聚氨酯	552-30-7					
191	Dicyclohexyl phthalate (DCHP) 邻苯二甲酸二环己酯 (DCHP)	Used in plastisol, PVC, rubber and plastic articles. A further use is also as a phlegmatizer and	84-61-7					

The 6 item SVHC lists limits which the twentieth officially promulgated by ECHA(Enacted on Jan 15,2019)
 第20批6種SVHC物質清單（發布日期2019.01.15）

192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 4,4'-(1,3-二甲基丁基)二苯酚	用于紫外线防护的化妆品、家居用品、纺织品 As a constituent of skin and hair care products, household products and	6807-17-6					
193	Benzo[k]fluoranthene 苯並[k]芘 蒽	用于涂层、胶黏剂、道路和建筑应用、清洗剂。 Used in coatings, adhesives, road and construction application	207-08-9					
194	蒽 Fluoranthene	用于涂层、胶黏剂、道路和建筑应用、清洗剂。 Used in coatings, adhesives, road and construction application	206-44-0, 93951-69-0					
195	菲 Phenanthrene	用于涂层和涂料、道路和建筑应用、粘合剂或脱模剂、润滑剂、清洗剂。 Used in coatings and paints, road and construction application	85-01-8					
196	芘 Pyrene	用于涂层、道路和建筑应用、粘合剂或助剂、清洗剂。 Used in coatings, road and construction applications, in binders or agents,	129-00-0, 1718-52-1					

197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC) 1,7,7-三甲基-3-(苯基亞甲基)雙環[2.2.1]庚-2-酮(3-亞苄基樟腦)	用于紫外线防护的化妆品、家居用品、纺织品 As a constituent of skin and hair care products, household products and textiles for UV	15087-24-8					
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The 4 items of SVHC lists which the twenty-first officially promulgated by ECHA(Enacted on Jul 16,2019)
第21批4種SVHC物質清單 (發布日期2019.07.16)

198	甲二醇乙醚乙酸酯 methoxyethyl acetate	2- 未在REACH下註冊 Not registered under REACH	110-49-6					
199	三(壬基苯基)亞磷酸酯(TNPP)其中4-壬基苯酚(支鏈和直鏈(4-NP)含量大於等於0.1% Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	主要用作抗氧化劑來穩定聚合物 Primarily used as an antioxidant to stabilise polymers	—					
200	2,3,3,3-四氟-2-(七氟丙氧基)丙酸及其鹽和醯基鹵化物(HFPO-DA) 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	用于生產含氟聚合物的加工助劑 Processing aid in the production of fluorinated polymers	—					
201	4-叔丁基苯酚 4-tert-butylphenol	用於塗料產品，聚合物，粘劑，密封劑和其他物質的合成 Used in coating products, polymers, adhesives, sealants and for the synthesis of other	98-54-4					

The 4 items of SVHC lists which the 22nd officially promulgated by ECHA(Enacted on Jan 16,2020)
第22批4種SVHC物質清單 (發布日期2020.01.16)

202	全氟丁烷磺酸(PFBS)及其鹽 Perfluorobutane sulfonic acid (PFBS) and its salts	在聚合物生產和化學合成中用作催化劑/添加劑/反應物;也用作聚碳酸酯的阻燃劑(用于電子設備) Used as a	/					
203	邻苯二甲酸二异己酯 Diisohexyl phthalate	密封胶、聚合物中的增塑劑等 Sealant, plasticizers in polymers	71850-09-4					
204	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	用于聚合物的加工 The substance is used in polymer production	71868-10-5					
205	2-苄基-2-二甲基氨基-1-(4-吗啉基)丁酮 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	UV固化型塗料和油墨 Used in UV curing coatings and inks.	119313-12-1					

The 4 items of SVHC lists which the 23rd officially promulgated by ECHA(Enacted on Jun 16,2020)
第23批4種SVHC物質清單 (發布日期2020.06.16)

206	1-乙烯基咪唑 vinylimidazole	(1- 用于树脂材料的硬化剂、感光化学试剂、树脂包裹体的核体，也用于石油工业和用作高聚体。 Hardener for resin	1072-63-5					
207	2-甲基咪唑 (2-methylimidazole)	用于生产甲硝唑、二甲硝咪唑、灭滴灵等药物中间体，用作环氧树脂等固化剂。It is used in the production of	693-98-1					
208	4-对羟基苯甲酸丁酯 (Butyl 4-hydroxybenzoate)	用于日用化工、医药、食品工业防腐劑，也用于油脂、淀粉糊、橡胶溶液、香料、胶片等的防腐。	94-26-8					
209	双(乙酰丙酮酸)二丁基锡 (Dibutylbis(pentane-2,4-dionato-0,0')tin)	主要用作室温硅橡胶固化催化剂，尤其是适用于脱醋酸型有机硅制品。还可用作聚氨酯涂料催化剂。 Mainly used as room	22673-19-4					

The 2 items of SVHC lists which the 24th officially promulgated by ECHA(Enacted on Jan 19,2021)
第24批2種SVHC物質清單 (發布日期2021.1.19)

210	Bis(2-(2-methoxyethoxy)ethyl)ether 双(2-(2-甲氧基乙氧基)乙基)醚 (四乙二醇二甲醚)	Solvent/extraction agent. 溶剂/萃取剂。	143-24-8					
211	Dioctyltin 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 二月桂酸二辛基锡, 锡烷, 二辛基-, 双(椰油酰氧基)衍生物, 以及任何其他锡烷, 二辛基-, 双(脂肪酰氧基)的衍生物。其中C12是脂肪酰氧基部分的主要碳原子数	Not registered under REACH. The mono-constituent form of the substance (dioctyltin dilaurate) is used as an additive in the production of plastics and rubber tyres. 未根据REACH注册。该物质的单组成形式(二月桂酸二辛基锡)在塑料和橡胶轮胎的生产中用作添加剂。	/					
The 8 items of SVHC lists which the 25th officially promulgated by ECHA(Enacted on Jul 8,2021) 第25批8種SVHC物質清單(發布日期2021.7.08)								
212	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers 2-(4-叔丁基苄基)丙醛及其立体异构体	Cleaning agents, cosmetics, in scented articles, polishes and wax blends. 清洁剂、化妆品、香味物品、抛光剂和蜡混合物。	/					
213	Orthoboric acid, sodium salt 硼酸钠盐	Not registered under REACH. May be used as solvent and corrosion inhibitor. 未在 REACH 下注册。可用作溶剂和腐蚀抑制剂。	13840-56-7					
214	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA) 2,2-双(溴甲基)丙烷1,3-二醇(BMP); 2,2-二甲基丙-1-醇, 三溴衍生物/3-溴-2,2-双(溴甲基)-1-丙醇(TBNPA); 2,3-二溴-1-丙醇(2,3-DBPA)	BMP: manufacture of polymer resins and in one component foam (OCPF) application. TBNPA: polymer production manufacture of plastics products, including compounding and conversion and as an intermediate. DBPA: registered as an intermediate. BMP: 聚合物树脂的制造和单组分泡沫(OCPF)应用。 TBNPA: 塑料制品的聚合物生产制造, 包括复合和转化以及作为中间体。 DBPA: 注册为中间体。	3296-90-0, 36483-57-5, 1522-92-5, 96-13-9					
215	Glutaral 戊二醛	Biocides, leather tanning, x-ray film processing, cosmetics. 杀菌剂、皮革鞣制、X光胶片处理、化妆品。	111-30-8					
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) 中链氯化石蜡(MCCP) (由碳链长度在C14至C17范围内的80%以上直链氯烷烃组成的UVCB物质)	Flame retardants, plasticising additives in plastics, sealants, rubber and textiles. 阻燃剂、塑料、密封胶、橡胶和纺织品中的增塑添加剂。	/					
217	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) 苯酚, 烷基化产物(主要在对位)具有来自低聚的富含C12的支链烷基链, 涵盖任何单个异构体和/或其组合(PDDP)	Preparation of lubricant additive materials and of fuel system cleaners. 润滑油添加剂材料和燃油系统清洁剂的制备。	/					
218	1,4-dioxane 1,4-二恶烷	Solvent 溶剂	123-91-1					

219	4,4'-(1-methylpropylidene)bisphenol 4,4'-(1-甲基亚丙基)双酚	Not registered under REACH. May be used in manufacture of phenolic and polycarbonate resin. 未在 REACH 下注册。可用于制造酚醛树脂和聚碳酸酯树脂	77-40-7					
<p>The 4items of SVHC lists which the 26th officially promulgated by ECHA(Enacted on Jan 17,2022) 第26批4種SVHC物質清單（發布日期2022.1.17）</p>								
220	(±)-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)亚甲基]双环[2.2.1]庚-2-酮，包括任何单独的异构体和/或其组合(4-MBC)	Cosmetics 化妆品	/					
	(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		1782069-81-1					
	(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		95342-41-9					
	(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		852541-25-4					
	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one		36861-47-9					
	(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		741687-98-9					
	(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		852541-30-1					
	(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one		852541-21-0					
221	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol 2,2'-亚甲基双-(4-甲基-6-叔丁基苯酚)	Rubbers, lubricants, adhesives, inks, fuels Rubbers, lubricants, adhesives, inks, fuels 橡胶、润滑剂、粘合剂、油墨、燃料	119-47-1					

222	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate S-(三环[5.2.1.0 ^{2,6} ·6]癸-3-烯-8(或9)-基)O-(异丙基或异丁基或2-乙基己基)O-(异丙基或异丁基或2-乙基己基)二硫代磷酸酯	Lubricants, greases 潤滑劑、潤滑脂	255881-94-8					
223	tris(2-methoxyethoxy)vinylsilane 乙烯基-三(2-甲氧基乙氧基)硅烷	Rubbers, plastics, sealants 橡膠、塑料、密封劑	1067-53-4					

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