

REACH SVHC 168项高度关注物清单

2015年12月17日，ECHA 正式公布第十四批 5 项 SVHC，使 SVHC 清单增至 168 项物质

第一批 15 项 SVHC 清单（2008 年 10 月 28 日公布生效）

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
4,4'- Diaminodiphenylmethane 4,4'-二氨基二苯甲烷	101-77-9	202-974-4	Hardener for epoxy resins and adhesives, intermediate in manufacture of high performance polymers, raw material for azodyes manufacturing. 用于环氧树脂固化剂和胶粘剂，生产高性能聚合物的中间体，制造偶氮染料
Benzyl butyl phthalate 邻苯二甲酸甲苯基丁酯 (BBP)	85-68-7	201-622-7	Plasticiser for PVC, synthetic leather. Plastisol / flock printing compounds. 聚氯乙烯增塑剂，人造橡胶，人造革
Bis (2-ethyl(hexyl)phthalate) (邻苯二甲酸二(2-乙基己基)酯(DEHP))	117-81-7	204-211-0	Plasticiser for PVC, synthetic leather. Plastisol / flock printing compounds. 聚氯乙烯增塑剂，人造橡胶，人造革
Dibutyl phthalate 邻苯二甲酸二丁基酯(DBP)	84-74-2	201-557-4	Plasticiser for PVC, synthetic leather. Plastisol / flock printing compounds. 聚氯乙烯增塑剂，人造橡胶，人造革
Anthracene 蒽	120-12-7	204-371-1	Manufacture of pyrotechnic products, catalyst in wood pulp production, raw material for anthracene oil manufacturing, base material for anthraquinone dyes. 制造烟火产品，生产木浆的催化剂，生产蒽油的原材料，生产蒽醌染料的基本材料
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	201-329-4	Fragrance ingredient 香精中的人造麝香
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡 (C10-C13) (SCCP)	85535-84-8	287-476-5	Flame retardant in textiles, rubber, used in paints, sealant, adhesives 金属加工过程中的润滑剂，橡胶和皮革衣料，胶水
Cobalt dichloride 二氯化钴	7646-79-9	231-589-4	Silica gel indicator, dye mordant in glass industry, recycling scrap metal, invisible ink, drying agent in paints, lacquers, varnishes, printing inks, electroplating, additive in tyres. 防潮珠，玻璃行

			业染料剂, 废金属再造, 隐形油墨、油漆、清漆、油漆及油墨的干燥剂, 电镀, 轮胎的添加剂。
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) 六溴环十二烷(HBCDD)及所有主要的非对映异构体(HBCDD)	25637-99-4 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	247-148-4; 221-695-9	Flame retardant, expandable polystyrene EPS (packaging material), extruded polystyrene XPS (insulation board in construction), high impact polystyrene HIPS (housing for E&E products). 阻燃剂, 可发生性聚苯乙烯 EPS (包装材料), 挤塑聚苯乙烯 XPS(建筑用保温板), 高抗衡性聚苯乙烯高 HIPS(房屋及电子产品用)
Sodium dichromate 重铬酸钠	10588-01-9, 7789-12-0	234-190-3	Agent used in dyeing, mordant agent, manufacture of chromium pigments, preparation of coloured glass and ceramic glazes. 用于印染, 媒染剂, 铬颜料制造, 有色玻璃和陶瓷釉料的准备
Bis(tributyltin)oxide 氧化双三丁基锡(TBTO)	56-35-9	200-268-0	Antimicrobial agents, biocidal products, polyurethane foam manufacturing, polymer products for flooring, tiles, carpeting, textiles for upholstery, treatment of feather and down. 抗菌剂, 生物农药产品, 聚氨酯泡沫生产, 地板、瓷砖、地毯产品用聚合物, 家具用纺织品, 羽绒处理
Diarsenic pentaoxide 五氧化二砷	1303-28-2	215-116-9	Manufacture of wood preservative, dyeing, manufacturing of special glass. 制造木材的防腐剂, 染色, 生产特种玻璃。
Diarsenic trioxide 三氧化二砷	1327-53-3	215-481-4	Use in manufacturing of glass, enamels and lead crystals, raw material for arsenic alloys, arsenide semiconductors, wood preservative. 用于制造玻璃、搪瓷和铅晶体, 砷合金原料, 砷化镓半导体, 木材防腐剂。
Triethyl arsenate 三乙基砷酸酯	15606-95-8	427-700-2	Preservative in wood, used in textiles. 木材防腐剂, 纺织品。
Lead hydrogen arsenate 砷酸氢铅	7784-40-9	232-064-2	Wood preservative 木材防腐剂

第二批 13 项 SVHC 清单 (2010 年 1 月 13 日公布生效)

2010 年 1 月 13 日 ECHA 正式公布第二批 14 项 SVHC; 2010 年 3 月 30 日, ECHA 又将丙烯酰胺加入第二批 SVHC 清单中; 2012 年 6 月 18 日, ECHA 将第二批中在 CLP 法规下索引号为 650-017-00-8 的 2 类纤维分别整合进第 6 批, 第二批清单减至 13 项。

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
2,4-Dinitrotoluene (DNT) 2,4-二硝基甲苯	121-14-2	204-450-0	An intermediate used during the production of flexible polyurethane foams. 在生产软质聚氨酯泡沫塑料中的中间体。 Synthesis of azodyes. 偶氮染料生产。 An intermediate in the manufacturing of rubber chemicals and automotive airbags. 在生产橡胶化学物品及汽车安全气囊中的中间体。 A gelatinizing-plasticizing agent in explosives. 爆炸品内的胶凝塑化剂。
Anthracene oil 蒽油	90640-80-5	292-602-7	Mainly used as an intermediate in the production of anthracene, which is used in the production of artificial yes 主要用作生产蒽的中间体(蒽是用于生产人造染料) Other applications include:其它用途包括: 1) technical tar oils, paints 技术用沥青油、涂料 2) pharmaceutical products 药剂制品 3) Impregnation agent 浸透剂 4) Waterproof membranes for roofing and other sealing purposes 盖屋顶及其它作密封用途的防水膜 5) Industrial viscosity modifier 工业用粘度改良添加剂
Anthracene oil, anthracene-low 蒽油, 蒽糊, 轻油	91995-17-4	295-278-5	
Anthracene oil, anthracene paste, anthracene fraction 蒽油、蒽糊, 蒽馏分	91995-15-2	295-275-9	
Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	292-604-8	
Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	292-603-2	
Pitch, coal tar, high temp. (CTPHT) 煤沥青, 高温	65996-93-2	266-028-2	Binding agent for (industrial) electrodes and refractories, briquettes (工业用) 电极及耐火煤砖用粘接剂 Anti-corrosion protection agent in (industrial) paints and coatings (工业用) 涂料及涂层防锈保护剂 Production of carbon black, pyrene, active carbon and carbon fibres 生产碳黑、嵌二萘(芘)、活性炭、碳纤维

			<p>Waterproof coating/ adhesive agent in roofing 防水涂层或盖屋顶用粘合剂</p> <p>Products that may contain CTPHT: 可能含有CTPHT的产品包括:</p> <p>Clay pigeons 泥鸽</p> <p>Medicinal preparations 药剂</p> <p>Waterproof coating/adhesive agent in roofing and heavy duty corrosion protection products 防水涂层或盖屋顶用粘合剂及重型防锈保护产品</p>
<p>Diisobutyl phthalate 邻苯二甲酸二异丁酯(DIBP)</p>	84-69-5	201-553-2	<p>A plasticizer. Sometimes used as a substitute for dibutylphthalate (DBP) 增塑剂, 有时用作邻苯二甲酸二丁酯 (DBP) 代替物</p> <p>May be present in: plastics, paints, lacquers, varnishes, paper, pulp and board, adhesives, binding agents, softeners, viscosity adjusters, dispersion glues and printing inks for paper and packaging 可含于: 塑胶、油漆、颜料、涂料、清漆、纸、纸浆及纸板、粘接剂、粘合剂、柔软剂、粘度调整剂、分散性胶水、纸制品油墨</p>
<p>Lead chromate 铬酸铅 (铬黄)</p>	7758-97-6	231-846-0	<p>Lead chromate based paints are found in all industrial sectors in products requiring protection against corrosion or bright colours. It also has anticorrosive property for primary coating 以铬黄为主的涂料可以在各个有需要预防腐蚀的工业用途上找到。其腐蚀性性质也有用于底涂</p>
<p>Lead chromate molybdate sulfate red (C.I. Pigment Red 104) 铅铬红 (C.I.颜料红 104)</p>	12656-85-8	235-759-9	<p>Lead chromate based pigments 以铬黄为主的涂料</p> <p>Applications include: colouring of plastics (polyolefins, PVC, nylon), inks, paints, varnishes, coatings, paper, textile printing, leather finishing, linoleum, mastics</p>
<p>Lead sulfochromate yellow (C.I. Pigment Yellow 34) 铅铬黄 (C.I.颜料黄 34)</p>	1344-37-2	215-693-7	<p>用途包括: 塑胶染色 (聚烯烃、聚氯乙烯、尼龙)、油墨、清漆、涂层、纸、纺织印刷、皮革涂饰、油地毯、胶浆</p>
<p>Tris (2-chloroethyl) phosphate (TCEP) 磷酸三 (2-氯乙基) 酯</p>	115-96-8	204-118-5	<p>A flame retardant and plasticiser. Applications include: 主要用途为阻燃剂和增塑剂。其他用途包括:</p> <p>1) Rubber and plastic products 橡胶及塑胶产品</p> <p>2) Adhesives, coatings 粘合剂、涂层</p>

			<p>3) Binding agents 粘接剂</p> <p>4) Flame retardants and extinguishing agents 阻燃剂及灭火剂</p> <p>5) Furniture (polyurethane foam, upholstery coating) 家具 (聚氨酯泡沫、装饰用涂层)</p> <p>6) Insulating materials 绝缘材料</p>
<p>Acrylamide 丙烯酰胺</p>	79-06-1	201-173-7	<p>Mainly used in the manufacture of polyacrylamide. May be used as a grouting agent in specialist applications. Other possible applications include: additive in cosmetics, soil and sand stabilisation, coatings and paints, textile processing.</p> <p>主要用途为生产聚丙烯酰胺。在专业用途可能用作灌浆材料。其他用途包括：化妆品添加剂、沙土稳定、涂层及涂料、纺织品处理</p>

第三批 8 项 SVHC 清单 (2010 年 6 月 18 日公布生效)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
<p>Trichloroethylene 三氯乙烯</p>	79-01-6	201-167-4	<p>Cleaning and degreasing of metal parts 金属部件清洁与脱脂</p> <p>Solvent in adhesives 粘合剂溶剂</p> <p>Intermediate in the manufacture of chlorinated and fluorinated organic compounds 含氯和含氟有机化合物生产中的中间体</p>
<p>Boric acid 硼酸</p>	10043-35-3 11113-50-1	233-139-2 234-343-4	<p>Uses include a multitude of applications, e.g. in biocides and preservatives, food additives, glass, ceramics, adhesives, fertilisers, flame retardants, paints, industrial fluids, brake fluids, soldering products, film developers.</p> <p>应用广泛, 包括: 杀虫剂、防腐剂、化妆品、食品添加剂、玻璃、陶瓷、粘合剂、化肥、阻燃剂、涂料、工业液体、制动液、焊锡产品、显影剂</p>
<p>Disodium tetraborate, anhydrous (also include the pentahydrate and decahydrate salts) 无水四硼酸钠</p>	1330-43-4 12179-04-3 1303-96-4	215-540-4	<p>Uses include a multitude of applications, e.g. in glass and glass fibres, ceramics, detergents and cleaners, personal care products, industrial fluids, metallurgy, adhesives, flame retardants, biocides, fertilizers</p>
<p>Tetraboron disodium heptaoxide, hydrate 七水合四硼酸钠</p>	12267-73-1	235-541-3	<p>应用广泛, 包括: 玻璃和玻璃纤维、陶瓷、洗涤剂和清洁剂、个人护理用品、工业液体、冶金、添加剂、阻燃剂、生物杀灭剂、化肥</p>

Sodium chromate 铬酸钠	7775-11-3	231-889-5	Laboratory (analytical agent) 实验室（分析试剂） Manufacture of other chromium compounds 其它铬酸盐化合物生产
Potassium chromate 铬酸钾	7789-00-6	232-140-5	Corrosion inhibitor for treatment and coating of metals 金属表面处理和用作涂层内的缓蚀剂 Manufacture of reagents and chemicals 试剂与化学品生产 Manufacture of textiles 纺织品制造 Colouring agent in ceramics 陶瓷染色剂 Manufacture of pigments/inks 色素和墨水生产 Laboratory (analytical reagent) 实验室（分析试剂）
Ammonium dichromate 重铬酸铵	7789-09-5	232-143-1	Oxidising agent 氧化剂 Laboratory (analytical agent) 实验室（分析试剂） Textile mordant 纺织品媒染剂 Manufacture of photosensitive screens 感光屏幕制造 Metal treatment 金属表面处理
Potassium dichromate 重铬酸钾	7778-50-9	231-906-6	Chrome metal manufacturing 金属制造 Corrosion inhibitor for treatment and coating of metals 金属表面处理和用作涂层内的缓蚀剂 Manufacture of reagents and chemicals 试剂与化学品生产 Laboratory (analytical agent) 实验室（分析试剂） Cleaning of laboratory glassware 实验室玻璃器皿清洗 Textile mordant 纺织品媒染剂 Oxidising agent in photolithography 照相平版用氧化剂

第四批 8 项 SVHC 清单（2010 年 12 月 15 日公布生效）

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
Cobalt(II) sulphate 硫酸钴 (II)	10124-43-3	233-334-2	Production of chemicals, pigments, catalysts and driers, surface treatments (such as electroplating), corrosion prevention, decolourising (in glass, pottery) and batteries. 用于化学品, 颜料, 催化剂和干燥剂的生产, 表面处理(如电镀), 防锈, (玻璃, 陶瓷) 脱色剂和电池等物质的生产。
Cobalt(II) dinitrate 硝酸钴 (II)	10141-05-6	233-402-1	Production of other chemicals including catalysts. Further applications may include surface treatment and batteries. 其它化学品包括催化剂的生产。 进一步的用途可包括表面处理剂以及电池中的应用。
Cobalt(II) carbonate 碳酸钴 (II)	513-79-1	208-169-4	Mainly used in the manufacture of catalysts. Minor uses may include production of other chemicals including pigments, and as an adhesive in ground coat frit. 其它用途包括化学品如颜料的生产和附着材料(地面釉料)。
Cobalt(II) diacetate 乙酸钴	71-48-7	200-755-8	Mainly used in the manufacture of catalysts or as a catalyst. 主要用于催化剂的制备。 Minor uses may include production of other chemicals including pigments, surface treatment in alloys, dyes and rubber adhesion. 其次用于其它化学品包括颜料的生产和表面处理剂、合金、染料以及橡胶附着剂。
2-Methoxyethanol 乙二醇单甲醚	109-86-4	203-713-7	Uses include as a solvent, a chemical intermediate or a laboratory chemical. 用途包括作溶剂、化学中间体以及实验室化学品。
2-Ethoxyethanol 乙二醇单乙醚	110-80-5	203-804-1	Uses include as a solvent, a chemical intermediate or a laboratory chemical. 用途包括作溶剂、化学中间体以及实验室化学品。
Chromium trioxide 三氧化铬	1333-82-0	215-607-8	Mainly used in metal finishing, such as electroplating (e.g. hard chrome and decorative plating), conversion coatings and brightening. It is also used as a fixing agent in waterborne wood preservatives. Minor uses are in the manufacture of the pigments and paints, in catalyst and detergent manufacture, and as an oxidising agent. 主要用于金属加工, 例如电镀(硬铬和装饰电镀), 转化涂层和

			打磨。也应用于防水木的固定剂。其次用于颜料和涂料，催化剂和洗涤剂的制备，以及作为氧化剂。
Acids generated from chromium trioxide and their oligomers: 三氧化铬及其低聚物所生成的酸 Chromic acid 铬酸 Dichromic acid 重铬酸 Oligomers of chromic acid and dichromic acid 铬酸和重铬酸的低聚物	7738-94-5 13530-68-2	231-801-5 236-881-5	These acids and their oligomers are generated when chromium trioxide is dissolved in water. Consequently, the uses of these substances are the same as indicated for chromium trioxide. 当三氧化铬溶于水时，可形成这些酸及其低聚物。因此，这些物质的用途常以三氧化铬来表示。

第五批 7 项 SVHC 清单（2011 年 6 月 20 日公布生效）

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
2-ethoxyethyl acetate 乙二醇乙醚醋酸酯	111-15-9	203-839-2	Solvent in coatings and in the chemical industry. 涂料和化工的溶剂。 As an intermediate in the manufacture of cyanoacrylate adhesives. 作为氰基丙烯酸酯粘合剂生产的中间体。
strontium chromate 铬酸锶	7789-06-2	232-142-6	Mainly as corrosion inhibitor in coating mixtures used in the aeronautic/aerospace sector, in the coil coating sector of steel and aluminum, and in the vehicle coating sector. 主要用于涂料的抗蚀剂应用于航空航天，钢/铝制品的卷材及车辆。
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) 邻苯二甲酸二(C7-11 支链与直链)烷基酯(DHNUP)	68515-42-4	271-084-6	Plasticiser in PVC, foam, adhesives and coatings. PVC、泡沫、粘合剂和涂料的增塑剂。
Hydrazine 肼	7803-57-8; 302-01-2	206-114-9	As an intermediate in the manufacture of hydrazine derivatives. 作为中间体应用于肼系的衍生物的生产。 As a monomer in polymerizations. 作为聚合反应的单体。 Corrosion inhibitor in water treatment. 水处理的抗蚀剂。 Metal reduction and refining of chemicals. 金属还原和化学试剂提纯。
1-methyl-2- pyrrolidone	872-50-4	212-828-1	Solvent in coatings and cleaning products, for the EEE

1-甲基-2-吡咯烷酮			manufacture, semiconductor industry, petrochemical processing, pharmaceuticals and agrochemicals. 涂料, 清洁产品, 电子电气设备制造, 半导体工业, 石油化学加工, 医药品和农业化学品的溶剂。
1,2,3-trichloropropane 1,2,3-三氯丙烷	96-18-4	202-486-1	As an intermediate in the manufacture of chlorinated solvents and agricultural products. 作为中间体用于氯化溶剂和农产品的生产。 As a monomer in polymerizations. 作为聚合的单体。 Solvent, paint and varnish remover. 溶剂, 油漆和清漆的去除剂。 Degreasing agent. 脱脂剂。
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) 邻苯二甲酸二(C6-8 支链与直链)烷基酯, 富 C7 链 (DIHP)	71888-89-6	276-158-1	Plasticiser in PVC and in sealants, coatings, printing inks. PVC、密封剂、涂料和印刷油墨的增塑剂。

第六批 20 项 SVHC 清单 (2011 年 12 月 19 日公布生效)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
Dichromium tris(chromate) 铬酸铬	24613-89-6	246-356-2	Mainly used in mixtures for metal surface treatment in the aeronautic/aerospace, steel and aluminium coating sectors. 用于在航空航天, 钢铁和铝涂层等行业的金属表面混合物。
Potassium Hydroxyoctaoxodizincatedi-chromate 氢氧化铬酸锌钾	11103-86-9	234-329-8	Mainly used in coatings in the aeronautic/ aerospace, steel and aluminium coil coating and vehicle coating sectors. 用于航空/航天, 钢铁, 铝线圈, 汽车等涂层。
Pentazinc chromate Octahydroxide 锌黄	49663-84-5	256-418-0	Mainly used in coatings in the vehicle coating and aeronautic / aerospace sectors. 用于汽车涂层, 航空航天的涂层。
Aluminosilicate Refractory Ceramic Fibres (RCF) 氧化锆硅酸铝耐火陶瓷纤维	-	-	Refractory ceramic fibres are used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment,

Ziconia Aluminosilicate, Refractory Ceramic Fibres (Zr-RCF) 硅酸铝耐火陶瓷纤维	-	-	equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process equipment). 耐火陶瓷纤维组主要用在高温防火, 工业应用(工业火炉和设备防火, 汽车和航空航天设备)和建筑, 生产的防火设备(建筑和工业设备)。
Formaldehyde, oligomeric reaction products with aniline (technical MDA) 甲醛与苯胺的聚合物	25214-70-4	500-036-1	Mainly used for manufacture of other substances. Minor uses are as ardener for epoxy resins. 主要用于其他物质的生产, 少量用于环氧树脂固化剂
Bis(2-methoxyethyl) phthalate (DMEP)邻苯二甲酸二甲氧乙酯	117-82-8	204-212-6	No registration for this phthalate compound has been submitted to ECHA. Main uses in the past were as plasticiser in polymeric materials and paints, lacquers and varnishes, including printing inks. ECHA 没有收到关于这种物质的任何注册。主要用途塑料产品中的塑化剂, 涂料, 颜料包括印刷油墨。
2-Methoxyaniline; o-Anisidine 邻甲氧基苯胺	90-04-0	201-963-1	Mainly used in the manufacture of dyes for tattooing and coloration of paper, polymers and aluminium foil. 主要用于纹身和着色纸的染料生产, 聚合物和铝箔
4-(1,1,3,3-tetramethylbuty) phenol, (4-tert-Octylphenol) 对特辛基苯酚	140-66-9	205-426-2	Mainly used in the manufacture of polymer preparations and of ethoxylates. Further used as a component in adhesives, coatings, inks and rubber articles. 用于生产聚合物的配制品和聚氧乙烯醚。也会被用于粘合剂, 涂层, 墨水和橡胶的成分。
1,2-Dichloroethane 1,2-二氯乙烷	107-06-2	203-458-1	Mainly used for manufacture of other substances. Minor uses as solvent in the chemical and pharmaceutical industry. 用于制造其他物质, 少量作为化学和制药工业的溶剂。
Bis(2-methoxyethyl) ether 二乙二醇二甲醚	111-96-6	203-924-4	Used primarily as a reaction solvent or process chemical in a wide variety of applications. Used also as solvent for battery electrolytes, and possibly in other products such as sealants, adhesives, fuels and automotive care products. 主要被用于化学的反应试剂, 也用作电池电解溶液和其他产品例如密封剂, 胶粘剂, 燃料和汽车护理产品
Arsenic acid 砷酸、原砷酸	7778-39-4	231-901-9	Mainly used to remove gas bubbles from ceramic glass melt and in the production of laminated printed circuit boards 主要用于陶瓷玻璃融化和层压印刷电路板的消泡剂
Calcium arsenate 砷酸钙	7778-44-1	231-904-5	The production of copper, lead and precious metal raw materials, mainly used for copper smelting and

			production of arsenic trioxide precipitating agent. 生产铜, 铅和贵金属的原材料, 主要用作铜冶炼和生产三氧化二砷的沉淀剂。
Trilead diarsenate 砷酸铅	3687-31-8	222-979-5	Trilead diarsenate is present in complex raw materials imported for manufacture of copper, lead and a range of precious metals. The trilead diarsenate contained in the raw materials is in the metallurgical refinement process transformed to calcium arsenate and diarsenic trioxide. Whereas most of the calcium arsenate appears to be disposed of as waste the diarsenic trioxide is used further. 生产铜, 铅和贵金属的原材料。
N,N-dimethylacetamide N,N-二甲基乙酰胺(DMAC)	127-19-5	204-826-4	Used as solvent, mainly in the manufacture of various substances and in the production of fibres for clothing and other applications. Also used as reagent, and in products such as industrial coatings, polyimide films, paint strippers and ink removers. 用于溶剂, 及各种物质的生产及纤维的生产。也会被用于试剂, 工业涂层, 聚酰亚胺薄膜, 脱漆剂和油墨去除剂
2,2'-dichloro-4,4'-methylenedianiline (MOCA) 4,4'-二氨基-3,3'-二氯二苯甲烷 (MOCA)	101-14-4	202-918-9	Mainly used as curing agent in resins and in the production of polymer articles and also for manufacture of other substances. The substance may further be used in construction and arts. 主要用于树脂固化剂和聚合物的生产, 以及建筑和艺术。
Phenolphthalein 酚酞	77-09-8	201-004-7	Mainly used as laboratory agent (in pH indicator solutions), for the production of pH-indicator paper and in medicinal products. 主要用于实验室试剂 (PH指示剂溶液), PH试纸和医疗产品。
Lead azide Lead diazide 迭氮化铅	13424-46-9	236-542-1	Mainly used as initiator or booster in detonators for both civilian and military uses and as initiator in pyrotechnic devices. 主要用作民用和军用的启动器或增压器的雷管和烟火装置的启动器
Lead styphnate 2,4,6-三硝基苯二酚铅	15245-44-0	239-290-0	Mainly used as a primer for small calibre and rifle ammunition. Other common uses are in munition pyrotechnics, power actuated devices and detonators for civilian use. 主要用于小口径步枪弹药的底漆, 另外常用于军用弹药, 粉驱动装置和用于民用雷管。
Lead dipicrate 苦味酸铅	6477-64-1	229-335-2	No registration for this substance has been submitted to ECHA. ECHA没有收到任何关于该物质的注册

第七批 13 项 SVHC 清单 (2012 年 06 月 18 日公布生效)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 可能的应用
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚	112-49-2	203-977-3	Mainly used as a solvent or as a processing aid in the manufacture and formulation of industrial chemicals. 主要用作工业化学品生产及配制过程中的溶剂及加工助剂; Minor uses in brake fluids and repair of motor vehicles. 小部分用于制动液及机动车维修。
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 1, 2-二甲氧基乙烷	110-71-4	203-794-9	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. 主要用于生产及工业用化学中的溶剂和加工助剂; 以及锂电池的电解质溶液。
Diboron trioxide 三氧化二硼	1303-86-2	215-125-8	Used in a multitude of applications, e.g. in glass and glass fibres, frits, ceramics, flame retardants, catalysts, industrial fluids, metallurgy, electrical equipment, adhesives, inks/paints, film developing solutions, detergents and cleaners, reagent chemicals, biocides and insecticides. 被应用于众多范畴, 如玻璃及玻璃纤维, 釉料, 陶瓷, 阻燃剂, 催化剂, 工业流体, 冶金, 电子设备, 粘合剂, 油墨及油漆, 显影剂, 清洁剂, 生物杀虫剂等。
Formamide 甲酰胺	75-12-7	200-842-0	Mainly used as an intermediate in the manufacture of agrochemicals, pharmaceuticals and industrial chemicals. 主要用于制造农用化学品, 医药品及工业化学品的中间体。 Minor uses as a solvent, as a laboratory reagent for quality control purposes in forensic laboratories, hospitals, pharmaceutical companies, food and drinks manufacturers and research laboratories. The substance seems to

			<p>also be used as a plasticizer</p> <p>小部分用作溶剂，作为实验室剂为法医实验室、医院、制药公司、食品和饮料制造和研究实验室作质量控制。这种物质也被用作增塑剂。</p>
Lead(II) is(methanesulfonate) 甲磺酸铅(II)溶液	17570-76-2	401-750-5	<p>Mainly used in plating processes (both electrolytic and electroless) for electronic components (such as printed circuit boards).</p> <p>The substance seems to also be used for batteries in special applications.</p> <p>主要用作电子元器件（例如印刷电路板）的电镀及化学镀的镀层。这种物质也被用于某些特殊的电池。</p>
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC) 异氰尿酸三缩水甘油酯	2451-62-9	219-514-3	<p>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 stabilisers for plastics.</p> <p>主要用于树脂及涂料固化剂、电路板印刷业的油墨、电气绝缘材料、树脂成型系统、薄膜层、丝网印刷涂料、模具、粘合剂、纺织材料、塑料稳定剂。</p>
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (-TGIC) 替罗昔隆	59653-74-6	423-400-0	<p>Mainly used as a solder mask ink in the EU. Also used in electrical insulation material, resin moulding systems, laminated sheeting, silk screen printing, coatings, tools, adhesives, lining materials and stabilisers for plastics.</p> <p>在欧盟市场主要用于阻焊油墨。也被用于电气绝缘材料、树脂成型系统、薄膜层、丝网印刷涂料、模具、粘合剂、纺织材料、塑料稳定剂。</p>
4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-四甲基二氨二苯酮	90-94-8	202-027-5	<p>Used as an intermediate in the manufacture of triphenylmethane dyes and other substances.</p> <p>用于三苯（基）甲烷染料及其他物质制造的反应中间物。</p> <p>Further potential uses include use as an additive (photosensitiser) in dyes and pigments, in dry film products and as a process chemical in the production of electronic circuit boards.</p> <p>未来有可能作为染料、颜料及光阻干膜产品的添加剂（感光剂）、制作电子线路板的制版化学品。</p>
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) 4,4'-亚甲基双(N, N-二甲基苯胺)	101-61-1	202-959-2	<p>Used as an intermediate in the manufacture of dyes and other substances.</p> <p>用作制造染料及其他物质的反应中间物。</p>

[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) 龙胆紫;碱性紫-3; 结晶紫	548-62-9	208-953-6	Mainly used for paper colouring and inks supplied in printer cartridges and ball pens. 主要用于纸张着色、印刷墨盒与圆珠笔墨水。 Further uses include staining of dried plants, use as a marker for increasing the visibility of liquids, staining in microbial and clinical laboratories. 未来可能用于干花着色、为染色剂增加液体能见度用于微生物和临床实验室。
[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)] C.I. 26 碱性蓝26	2580-56-5	219-943-6	Used in the formulation of inks, cleaners, and coatings, as well as for dyeing paper, packaging, textiles, plastic products, and other types of articles. It is also used in diagnostic and analytical applications. 用于油墨、清洁剂、涂料的生产; 也用于纸张、包装、织物、塑料等产品的着色, 以及诊断和分析用途。
α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) 溶剂蓝4	6786-83-0	229-851-8	Mainly used in the formulation of printing and writing inks, for dyeing paper and in mixtures such as windscreen washing agents. 主要用于印刷墨水及书写墨水的生产; 以及纸张染料, 挡风玻璃清洗剂等制剂。
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol α,α -二[(二甲氨基)苯基]-4-甲基苯甲醇	561-41-1	209-218-2	Mainly used in the formulation of writing inks and potentially other inks, as well as for dyeing a variety of materials. 主要用于书写墨水的生产; 未来可能用于其他墨水及诸多材料的着色。

第八批 54 项 SVHC 清单 (2012 年 12 月 19 日公布生效)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
Bis(pentabromophenyl) ether(decabromodiphenyl ether; DecaBDE) 十溴二苯醚	1163-19-5	214-604-9	阻燃剂 flame retardants
Pentacosfluorotridecanoic acid全氟十三烷酸	72629-94-8	276-745-2	油漆, 纸张, 纺织品, 皮革 paints, paper, textiles, leather
Tricosfluorododecanoic acid全氟十二烷酸	307-55-1	206-203-2	油漆, 纸张, 纺织品, 皮革 paints, paper, textiles, leather
Henicosfluoroundecanoic acid全氟十一烷酸	2058-94-8	218-165-4	油漆, 纸张, 纺织品, 皮革 paints, paper, textiles, leather
Heptacosfluorotetradecanoic acid全氟十四烷酸	376-06-7	206-803-4	油漆, 纸张, 纺织品, 皮革 paints, paper, textiles, leather
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))偶氮二甲酰胺	123-77-3	204-650-8	聚合物, 胶水, 墨水 polymer, glue, inks

Cyclohexane-1,2-dicarboxylic anhydride [1]环己烷-1,2-二羧酸酐 cis-cyclohexane-1,2-dicarboxylic anhydride [2]顺式-环己烷-1,2-二羧酸酐 trans-cyclohexane-1,2-dicarboxylic anhydride [3]反式-环己烷-1,2-二羧酸酐 [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].	85-42-7,13 149-00-3,1 4166-21-3	201-604-9, 236-086-3, 238-009-9	中间体, 树脂改性剂和环氧树脂固化剂 intermediates, resin modifier and epoxy resin curing agent
Hexahydro-1,2,3,4,5,6-hexahydro-1,2,3,4,5,6-hexahydro-4-methylphthalic anhydride [1], 甲基六氢邻苯二甲酸酐 Hexahydro-4-methylphthalic anhydride [2], 4-甲基六氢邻苯二甲酸酐 Hexahydro-1-methylphthalic anhydride [3], 1-甲基六氢邻苯二甲酸酐 Hexahydro-3-methylphthalic anhydride [4] 3-甲基六氢邻苯二甲酸酐 [The individual isomers [2], [3] and [4] (including their cis- and trans-stereoisomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0 ,19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	生产树脂, 橡胶, 聚合物 synthesis manufacture, rubbers, polymers
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] 4-壬基 (支链与直链) 苯酚	-	-	油漆, 油墨, 纸张, 胶水, 橡胶制品 paints, inks, papers, glue, rubbers
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] 对特辛基苯酚乙氧基醚	-	-	油漆, 油墨, 纸张, 胶水, 纺织品 paints, inks, papers, glue and textiles
Methoxyacetic acid 甲氧基乙酸	625-45-6	210-894-6	中间体 intermediates
N,N-dimethylformamide N, N-二甲基甲酰胺	1968-12-2	200-679-5	皮革, 印刷电路板 leather, PCB
Dibutyltin dichloride (DBTC) 二丁基二氯化锡	683-18-1	211-670-0	纺织品和塑胶, 橡胶制品 textiles, plastic, rubbers
Lead monoxide (Lead oxide) 一氧化铅	1317-36-8	215-267-0	玻璃制品, 陶瓷, 颜料, 橡胶 glass products, ceramics, pigments, rubbers

Orange lead (Lead tetroxide) 四氧化三铅	1314-41-6	215-235-6	玻璃制品, 陶瓷, 颜料, 橡胶 glass products, ceramics, pigments, rubbers
Lead bis(tetrafluoroborate) 四氟硼酸铅	13814-96-5	237-486-0	电镀, 焊接, 分析试剂 electro-plating, welding, analytical reagent
Trilead bis(carbonate)dihydroxide 碱式碳酸铅	1319-46-6	215-290-6	油漆, 涂料, 油墨, 塑胶制品 paints, coatings, inks, and plastic
Lead titanium trioxide 钛酸铅	12060-00-3	235-038-9	半导体, 涂料, 电子陶瓷滤波器 Semiconductors, coatings, electronic ceramic filter
Lead titanium zirconium oxide 钛酸铅锆	12626-81-2	235-727-4	光学产品, 电子产品, 电子陶瓷零件 Optical products, electronic products, electronic ceramic parts
Silicic acid, lead salt 硅酸铅	11120-22-2	234-363-3	玻璃搪瓷制品 glass and enamel
Silicic acid (H ₂ Si ₂ O ₅), barium salt(1:1), lead-doped[with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A(CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation(EC) No 1272/2008] 掺杂铅的硅酸钡	68784-75-8	272-271-5	玻璃制品 glass products
1-bromopropane (n-propyl bromide) 1-溴丙烷	106-94-5	203-445-0	药物, 染料, 香料, 中间体 medication, dyes, aromatizer, intermediate
Methyloxirane (Propylene oxide) 1,2-环氧丙烷	75-56-9	200-879-2	中间体 intermediates
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 1,2-苯二酸-二(支链与直链)戊基酯	84777-06-0	284-032-2	增塑剂 plasticizer
Diisopentylphthalate (DIPP) 邻苯二甲酸二异戊酯	605-50-5	210-088-4	增塑剂 plasticizer
N-pentyl-isopentylphthalate 邻苯二甲酸正戊基异戊基酯	776297-69-9	-	增塑剂 plasticizer
1,2-diethoxyethane 乙二醇二乙醚	629-14-1	211-076-1	paint, inks, intermediate 油漆, 油墨, 中间体
Acetic acid, lead salt, basic 碱式乙酸铅	51404-69-4	257-175-3	油漆, 涂层, 脱漆剂, 稀释剂 paints, coatings, paint strippers, thinners
Lead oxide sulfate 碱式硫酸铅	12036-76-9	234-853-7	塑胶制品 plastic
[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	塑胶制品

二盐基邻苯二甲酸铅			plastic
Dioxobis(stearato)trilead 双(十八酸基)二氧代三铅	12578-12-0	235-702-8	塑胶制品 Plastic
Fatty acids, C16-18, lead salts C16-18-脂肪酸铅	91031-62-8	292-966-7	塑胶制品 plastic
Lead cyanamidate 氨基氰铅盐	20837-86-9	244-073-9	防锈 antirust
Lead dinitrate 硝酸铅	10099-74-8	233-245-9	染料, 皮革, 颜料 dyes, leather, pigments
Pentalead tetraoxide sulphate 硫酸四氧化五铅	12065-90-6	235-067-7	塑胶制品, 电池 plastic, battery
Pyrochlore, antimony lead yellow 铅锑黄	8012-00-8	232-382-1	油漆, 涂层, 玻璃陶瓷制品 paints, coatings, glass, ceramics
Sulfurous acid, lead salt, dibasic 二碱式亚硫酸铅	62229-08-7	263-467-1	玻璃搪瓷制品 glass and enamel
Tetraethyllead 四乙基铅	78-00-2	201-075-4	燃油添加剂 fuel additive
Tetralead trioxide sulphate 硫酸三氧化四铅	12202-17-4	235-380-9	颜料, 塑胶制品, 电池 pigments, plastic, battery
Trilead dioxide phosphonate 二碱式亚磷酸铅	12141-20-7	235-252-2	塑料的稳定剂 stabilizer for plastic
Furan 呋喃	110-00-9	203-727-3	溶剂, 有机合成 solvents, organic synthesis
Diethyl sulphate 硫酸二乙酯	64-67-5	200-589-6	生产染料, 聚合物 for manufacture of dyes and polymer
Dimethyl sulphate 硫酸二甲酯	77-78-1	201-058-1	生产染料, 聚合物 for manufacture of dyes and polymer
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷	143860-04-2	421-150-7	橡胶制品 rubber
Dinoseb (6-sec-butyl-2,4-dinitrophenol)地乐酚	88-85-7	201-861-7	塑胶制品 plastic
4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	212-658-8	绝缘材料, 聚氨酯粘合剂, 环氧树脂固化剂 Insulating material, a polyurethane adhesive, an epoxy curing agent
4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚	101-80-4	202-977-0	染料中间体, 树脂合成 an intermediate of dyes, resin synthesis
4-aminoazobenzene 4-氨基偶氮苯	1960-9-3	200-453-6	染料中间体 an intermediate of dyes
4-methyl-m-phenylenediamine(toluene-2,4-diamine) 2,4-二氨基甲苯	95-80-7	202-453-1	染料, 医药中间体及其他有机合成 dyes, intermediates for pharmacy and other organic synthesis
6-methoxy-m-toluidine (p-cresidine) 2-甲氧基-5-甲基苯胺	120-71-8	204-419-1	中间体, 染料合成 intermediates, dyes synthesis

Biphenyl-4-ylamine 4-氨基联苯	92-67-1	202-177-1	染料和农药中间体 intermediates for dyes and pesticides
o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]邻-氨基偶氮甲苯	97-56-3	202-591-2	染料中间体 an intermediate of dyes
o-toluidine 2-氨基甲苯	95-53-4	202-429-0	染料中间体 an intermediate of dyes
N-methylacetamide N-甲基乙酰胺	79-16-3	201-182-6	中间体 intermediates

第九批 6 项 SVHC 清单 (2013 年 6 月 20 日公布生效)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
Cadmium 镉	231-152-8	7440-43-9	电池电极; 防腐蚀涂层; 催化剂、合金和太阳能电池; 颜料; 塑料和聚合物的稳定剂
Cadmium oxide 氧化镉	215-146-2	1306-19-0	电池电极; 生产防腐蚀涂层; 催化剂、颜料和陶瓷釉料; 玻璃、合金和光电子器件; 增强聚合物的抗热性
Pentadecafluorooctanoic acid(PFOA) 全氟辛酸	206-397-9	335-67-1	含氟聚合物和氟橡胶的生产; 不粘厨具生产中的乳化剂
Ammonium pentadecafluorooctanoate(APFO) 十五代氟辛酸铵盐	223-320-4	3825-26-1	含氟聚合物和氟橡胶的生产; 不粘厨具生产中的乳化剂
Dipentyl phthalate(DPP) 邻苯二甲酸二正戊酯	205-017-8	131-18-0	PVC中的塑化剂
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 乙氧基化的支链和直链的 4-壬基酚 (直链和/或支链的具有 9 个碳原子的烷基链共价键合在 4 位的乙氧基酚, 囊括了 UVCB 和定义明确的物质, 聚合物及同系物, 其中包括任何单独的异构体和/或它们的组合)			采矿; 洗涤剂; 油漆、涂料和清漆; 皮革和纺织品加工

第十批 7 项 SVHC 清单 (2013 年 12 月 16 日公布生效)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
硫化镉 Cadmium sulphide	1306-23-6	215-147-8	用作半导体材料、发光材料以及搪瓷、玻璃、陶瓷、塑料、油漆着色。
刚果红 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	曾广泛用于棉、粘胶的染色，用作吸附指示剂，用于测定卤化物、硫氰酸盐和锌等。用作薄层色谱法测定硫代磷酸盐除草剂的显色剂。还用作生物染色剂。
直接黑 38 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)	1937-37-7	217-710-3	主要用于棉、麻、粘胶等纤维素纤维织物的染色，也可用于蚕丝、锦纶及其混纺织物的染色，还可用于皮革、生物和木材的染色、塑料的着色及作为赤色墨水的原料等。
邻苯二甲酸二己酯 (DHXP) Dihexyl phthalate	84-75-3	201-559-5	用于树脂合成, 用作软化剂
1,2-亚乙基硫脲 Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	用作橡胶促进剂、镀铜光亮剂
醋酸铅 Lead di(acetate)	301-04-2	206-104-4	主要用于生产硼酸铅、硬脂酸铅等铅盐的原料。在颜料工业醋酸铅同红矾钠反应，是制取铬黄（即铬酸铅）的基本原料。在纺织工业中，用做蓬帆布配制铅皂防水的原料。在电镀工业中，是氰化镀铜的发光剂。也是皮毛行业染色助剂。
磷酸三（二甲苯）酯 Trixylyl phosphate	25155-23-1	246-677-8	用作增塑剂。

The eleventh group of 4 items SVHC list (on June 16, 2014, ECHA officially announced the eleventh group of 4 items SVHC)

第十一批 4 项 SVHC 清单 (2014 年 6 月 16 日, ECHA 正式公布第十一批 4 项 SVHC, 使 SVHC 清单增至 155 项物质)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
氯化镉 Cadmium chloride	10108-64-2	233-296-7	用于制造照相纸和复写纸的药剂、镉电池, 还可用作陶瓷釉彩、合成纤维印染助剂和光学镜子的增光剂
邻苯二甲酸二(支链与直链)己酯 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	电线电缆, 胶皮胶布, 手套, 鞋子, 塑胶制品, 食品包装, 玩具等。
水合高硼酸钠盐类 Sodium perborate; perboric acid, sodium salt	/	239-172-9; 23 4-390-0	常用作阴丹士林染料显色的氧化剂, 原布的漂白、脱脂, 医药上用作消毒剂和杀菌剂, 也可用作媒染剂、洗涤剂助剂、脱臭剂, 电镀液的添加剂, 分析试剂, 有机合成聚合剂, 以及制牙膏、化妆品等
过硼酸钠 Sodium peroxometaborate	7632-04-4	231-556-4	用作氧化剂、消毒剂、杀菌剂、媒染剂、脱臭剂、电镀溶液添加剂等

第十二批 6 项 SVHC 清单 (2014 年 12 月 17 日, ECHA 正式公布第十二批 6 项 SVHC, 使 SVHC 清单增至 161 项物质)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
氟化镉 Cadmium fluoride	7790-79-6	232-222-0	磷光体、核反应堆中子吸收剂、有机合成和脱蜡的催化剂、NH ₄ ClO ₄ 的分解抑制剂, 还可用于制荧光粉、玻璃、阴极射线管和激光晶体。
硫酸镉 Cadmium sulphate	10124-36-4 31119-53-6	233-331-6	塑料工业中用作聚氯乙烯的防老剂。电池工业中用作镉电池、韦斯顿电池和其他标准电池中的电解质。医药工业中用作角膜炎等洗眼水中的防腐剂 and 收敛剂。化学分析中, 用作马氏试砷法中的催化剂, 以用于检测硫化氢和反丁烯二酸; 还用于标准镉元素和其他镉盐的制造。也用于镉肥生产。
2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑; 紫外线吸收剂 UV-320 2-benzotriazol-2-yl-4,6-di-tert-butylphenol	3846-71-7	223-346-6	用于塑料和其他有机物中, 如不饱和聚酯、PVC、PVC 增塑胶等, 属于光稳定剂。
2-(3,5-二叔戊基-2-羟苯基)苯并三唑; 紫外线吸收剂 UV-328 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	247-384-8	适用于聚烯烃(特别是聚氯乙烯)、聚酯、苯乙烯类、聚酰胺、聚碳酸酯等聚合物
二正辛基-双(巯乙酸 2-乙基己酯)锡 (DOTE) 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	15571-58-1	239-622-4	聚氯乙烯稳定剂, 适用于硬质和软质制品, 有一定的增塑作用。
DOTE 与 MOTE 的反应产物 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	/	/	热稳定剂

第十三批 2 项 SVHC 清单 (2015 年 6 月 15 日, ECHA 正式公布第十三批 2 项 SVHC, 使 SVHC 清单增至 163 项物质)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
1,2-苯二甲酸二-碳 6-10-烷基酯; (癸基, 己基, 辛基)酯不 1, 2-邻苯二甲酸的复合物且邻苯二甲酸二己酯含量 \geq 0.3% 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 (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	增塑剂 Plasticizer
5-仲丁基-丁基-2-(2,4-二甲基环己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧乙烷[1], 5-仲丁基-丁基-2-(4,6-二甲基环己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧乙烷[2] (这两种物质的异极体以及它们的混合物) 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 isomers of [1] and [2] or any combination thereof]	-	-	香料 Spice

第十四批 5 项 SVHC 清单 (2015 年 12 月 17 日, ECHA 正式公布第十四批 5 项 SVHC, 使 SVHC 清单增至 168 项物质)

Substance Name 物质名称	CAS number CAS No.	EC number EC No.	Possible Applications 潜在用途
硝基苯 Nitrobenzene	98-95-3	202-716-0	生产助剂
2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚 (紫外吸收剂 UV-327) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	涂层、塑料、橡胶和化妆品的紫外防护剂
2-(2H-苯并三唑-2-基)-4-特丁基-6-仲丁基苯酚 (紫外吸收剂 UV-350) 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	涂层、塑料、橡胶和化妆品的紫外防护剂

1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	214-317-9	锂离子电池的电解液
全氟壬酸及其钠盐和铵盐 Perfluorononan-1-ic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	含氟聚合物的生产助剂，也可作为润滑油 添加剂、灭火器表面活性剂、清洁剂、纺 织品防污整理剂、抛光表面活性剂、防水 剂及液晶显示面板