



高度关注物质清单

REACH SVHC

2008年10月28日, 欧盟化学品管理局 ECHA 发布了第一批高度关注物质清单(SVHC), 截至2016年12月19日, 总共发布了十六批 SVHC 清单, 173项高度关注物质。

REACH 法规规定下游产品(物品)的责任与义务:

- 若物品中含有 SVHC, 并且含量小于 0.1%, 无需通报和主动进行信息传递, 但如果进口商或消费者要求, 有义务提供**相关信息**。
- 若物品中含有 SVHC, 并且含量大于 0.1%, 同时该 SVHC 年进口量小于 1 吨, 必须向下游进口商进行告知和**相关信息传递**, 出具相关证明文件说明。
- 若物品含有 SVHC, 并且含量大于 0.1%, 同时该 SVHC 年进口量大于 1 吨, 必须向 ECHA 进行**通报**工作。
- 应消费者要求, 物品的所有供应商应该在收到请求的 45 天内, 提供给消费者**相关信息**, 以使物品安全使用。



(除此之外如果物品含有**有意释放物质**, 且该物质年进口量大于 1 吨, 需要进行注册。)

物品 (Article):

——在生产过程中被赋予一种特定的形状、外表或设计的物体, 且此特定形状、外表或设计较其他化学成分更大程度地决定其功能。

——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.

备注: # 为无机类项(金属类项), 共 66 项

更新于: 2016年12月19日

第 16 批已确认为 SVHC, 将于 2017 年 1 月份纳入。ECHA will include these substances in the Candidate List in January 2017.

Substances / 物质	EC No.	CAS No.	Application / 可能用途
19/12/2016 16th SVHC List (4 items, sum 173 items) 第十六批 SVHC 清单 (共 4 项, 累计 173 项)			173
4,4'-isopropylidenediphenol (bisphenol A) 4,4'-异亚丙基二酚 (双酚 A)	201-245-8	80-05-7	Used for polymer synthesis, intermediate, antioxidant, processing aid. 用于合成聚合物、中间体、阻燃剂、抗氧化剂、助剂。
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 全氟癸酸 (PFDA) 及其钠盐和铵盐	- 206-400-3 221-470-5	3108-42-7 335-76-2 3830-45-3	Used as plasticizers, lubricants, surfactants, preservatives. 用作增塑剂、润滑剂、表面活性剂、防腐剂。
4-heptylphenol, branched and linear (4-HPbl) 4-庚基苯酚, 支链和直链	-	-	Used as an intermediate, additive in lubricant. 用于中间体、润滑油。
4-tert-pentylphenol (PTAP) 4-叔戊基苯酚 (PTAP)	201-280-9	80-46-6	Used for chemicals and plastic articles. 用于化学品、塑料制品
20/6/2016 15th SVHC List (1 items, sum 169 items) 第十五批 SVHC 清单 (共 1 项, 累计 169 项)			169
Benzo[def]chrysene(Benzo[a]pyrene) 苯并[def]蒽	200-028-5	50-32-8	Normally not manufactured intentionally but may occur as a constituent or impurity in other substances. 通常是非有意制造的, 但可能作为其他物质的组成成分或者杂质存在。
17/12/2015 14th SVHC List (5 items, sum 168 items) 第十四批 SVHC 清单 (共 5 项, 累计 168 项) 164-168			
1,3-propanesultone 1,3-丙磺酸内酯	214-317-9	1120-71-4	Used as an intermediate; Use in the electrolyte fluid in the production of lithium ion batteries. 用作中间体; 用于锂离子电池的电解液。
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2,4-二叔丁基-6-(5-氯苯并三唑-2-基)苯酚(UV-327)	223-383-8	3864-99-1	UV-stabilizer for plastic, polyurethanes and rubber, used in the formulation of coating. 塑料、聚氨酯和橡胶的紫外稳定剂; 涂料。
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 2-(2H-苯并三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚 (UV-350)	253-037-1	36437-37-3	UV-stabilizer for plastic, polyurethanes and rubber, used in the formulation of coating. 塑料、聚氨酯和橡胶的紫外稳定剂; 涂料。



Substances / 物质	EC No.	CAS No.	Application / 可能用途
Nitrobenzene 硝基苯	202-716-0	98-95-3	Used as an intermediate, processing aid, solvent. 用作中间体, 加工助剂、溶剂。
Perfluorononan-1-oic-acid and its sodium and ammonium salts 全氟壬酸及其钠盐和铵盐 (PFOAs)	/	/	Used as surfactant, cleaning agent, waterproofing agents, used in liquid crystal display panels. 用作表面活性剂, 清洗剂, 防水剂; 液晶面板。
Ammonium salts of perfluorononan-1-oic-acid 全氟壬酸铵	/	4149-60-4	
Sodium salts of perfluorononan-1-oic-acid 全氟壬酸钠	206-801-3	375-95-1	
15/06/201513th SVHC List (2 items, sum 163 items) 第十三批 SVHC 清单 (共 2 项, 累计 163 项) 162-163			
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyldiesters 1,2-苯二甲酸, 二(C6-10)烷基酯/ 1,2-苯二甲酸, 混合二己二辛二癸酯, 其中邻苯二甲酸二己酯含量≥0.3%	201-559-5	/	Rubber and plastic articles, coatings, paints, adhesives, lubricants. 橡胶和塑料制品, 涂层, 油漆, 胶黏剂, 润滑剂。
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	271-094-0	68515-51-5	
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	272-013-1	68648-93-1	
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] 5-二级丁基-2-(2,4-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷[1], 5-二级丁基-2-(4,6-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷[2] [任何[1]和[2]或者其任意组合的单独异构体或其任何组合]	/	/	Fragrance ingredient. 香料。
17/12/2014 12th SVHC List (6 items, sum 161 items) 第十二批 SVHC 清单 (共 6 项, 累计 161 项) 156-161			
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚(UV-328)	247-384-8	25973-55-1	UV-stabilizer for plastic, polyurethanes and rubber, used in the formulation of coating. 塑料、聚氨酯和橡胶的紫外稳定剂; 涂料。
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 2-苯并三唑-2-基-4,6-二叔丁基苯酚(UV-320)	223-346-6	3846-71-7	UV-stabilizer for plastic, polyurethanes and rubber, used in the formulation of coating. 塑料、聚氨酯和橡胶的紫外稳定剂; 涂料。
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-双(2-乙基己基巯基乙酸酯)锡	239-622-4	15571-58-1	PVC heat stabilizer. 聚氯乙烯热稳定剂。
Cadmium fluoride 氟化镉 #	232-222-0	7790-79-6	Electrical equipment. 电子电气设备。
Cadmium sulphate 硫酸镉 #	233-331-6	10124-36-4, 31119-53-6	Battery, electroplating. 电池, 电镀。
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-乙基己基巯基乙酸酯)锡 (DOTE) 和单辛基-三(2-乙基己基巯基乙酸酯)锡 (MOTE) 的反应物	/	/	PVC heat stabilizer. 聚氯乙烯热稳定剂
16/06/2014 11th SVHC List (4 items, sum 155 items) 第十一批 SVHC 清单 (4 项, 累计 155 项) 152-155			
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	Plasticizer, sealant / jointing agents, stabilizer in engine oil.



Substances / 物质	EC No.	CAS No.	Application / 可能用途
邻苯二甲酸二(支链与直链)己基酯			增塑剂, 密封剂或胶粘剂, 机油稳定剂。
Cadmium chloride 氯化镉 #	233-296-7	10108-64-2	Stabilizer in plastic, used for production of photovoltaic modules, used for production of other cadmium compounds. 塑料稳定剂, 光伏模组, 合成其他镉化合物。
Sodium perborate, perboric acid, sodium salt 过硼酸钠盐类(过硼酸钠水合物) # <i>Sodium perborate</i> <i>Perboric acid, sodium salt</i>	/ 239-172-9 234-390-0	/ 15120-21-5 11138-47-9	Bleaching agent, cleaning agent. 漂白剂, 清洗剂。
Sodium peroxometaborate 过硼酸钠 #	231-556-4	7632-04-4	Bleaching agent, cleaning agent. 漂白剂, 清洗剂。
16/12/2013 10th SVHC List (7 items, sum 151 items) 第十批 SVHC 清单 (共 7 项, 累计 151 项)			145-151
Cadmium sulphide 硫化镉(镉黄) #	215-147-8	1306-23-6	Pigment, semiconductor industry, stabilizer in plastic. 颜料、半导体、塑料稳定剂。
Dihexyl phthalate 邻苯二甲酸二正己酯 (DNHP)	201-559-5	84-75-3	Plasticizer. 增塑剂。
Disodium,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) C.I.直接红28	209-358-4	573-58-0	Dye, pH indicator. 染料、pH 指示剂。
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	Dye. 染料。
Imidazolidine-2-thione (2-imidazoline-2-thiol) 2-巯基咪唑啉	202-506-9	96-45-7	Rubber products and tyres. 橡胶产品和轮胎。
Lead di(acetate) 乙酸铅 #	206-104-4	301-04-2	Pigment, semiconductor industry. 油漆和涂层、电器设备。
Trixylyl phosphate 磷酸三(二甲苯)酯	246-677-8	25155-23-1	Flame retardant in plastic, additive in lubricant. 塑料中的阻燃剂、润滑剂的添加剂。
20/06/2013 9th SVHC List (6 items, sum 144 items) 第九批 SVHC 清单 (共 7 项, 累计 144 项)			139-144
4-Nonylphenol, branched and linear, ethoxylated 4-壬基(支链与直链)苯酚乙氧基醚	/	/	Mining, detergent, paints, lacquers and varnishes, leather and textile Processing. 采矿; 洗涤剂; 油漆、涂料和清漆; 皮革和纺织品加工。
Ammonium pentadecafluorooctanoate (APFO) 全氟辛酸铵(APFO)	223-320-4	3825-26-1	Fluoropolymers and fluoroelastomers, emulsifiers in the production of non-stick coating of cookware. 含氟聚合物和氟橡胶; 不粘厨具生产中的乳化剂。
Cadmium 镉 #	231-152-8	7440-43-9	Battery electrodes, anti-corrosive coating, catalysts, alloys and solar cells, pigments, stabilizers for plastics and polymers. 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	Battery electrodes, anti-corrosive coating, glasses, alloys and photo-electronics, catalysts, pigments and ceramic glazes, used to increase the heat resistance of polymers.



Substances / 物质	EC No.	CAS No.	Application / 可能用途
			电池电极; 产生防腐涂层; 玻璃、合金和光电子器件; 催化剂、颜料和陶瓷釉料; 增强聚合物的抗热性。
Dipentyl phthalate (DPP) 邻苯二甲酸二正戊酯(DPP)	205-017-9	131-18-0	Plasticizer in PVC. 聚氯乙烯中的增塑剂。
Pentadecafluorooctanoic acid (PFOA) 全氟辛酸(PFOA)	206-397-9	335-67-1	Fluoropolymers and fluoroelastomers, emulsifiers in the production of non-stick coating of cookware. 含氟聚合物和氟橡胶; 不粘厨具生产中的乳化剂。
19/12/2012 8th SVHC List (54 items, sum 138 items) 第八批 SVHC 清单 (共 54 项, 累计 138 项)			85-138
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear 1,2-苯二酸-二(支链与直链)戊基酯	284-032-2	84777-06-0	Plasticizers. 增塑剂。
1,2-diethoxyethane 乙二醇二乙醚	211-076-1	629-14-1	Paint, ink, intermediates. 油漆、油墨、中间体。
1-bromopropane (n-propyl bromide) 1-溴丙烷	203-445-0	106-94-5	Drugs, dyes, spices, intermediates. 药物、染料、香料、中间体。
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	421-150-7	143860-04-2	Rubber. 橡胶制品。
4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基二苯甲烷	212-658-8	838-88-0	Insulation material, polyurethane adhesives, epoxy resin curing agent. 绝缘材料、聚氨酯粘合剂、环氧树脂固化剂。
4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚及其盐 4,4'-oxydianiline 4,4'-二氨基二苯醚	/	/	Intermediate of dyes, resin synthesis. 染料中间体、树脂合成。
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated 对特辛基苯酚乙氧基醚	/	/	Paint, ink, paper, glue, textiles. 油漆、油墨、纸张、胶水、纺织品。
4-aminoazobenzene 4-氨基偶氮苯	200-453-6	60-09-3	Intermediate of dyes. 染料中间体。
4-methyl-m-phenylenediamine (toluene-2,4-diamine) 2,4-二氨基甲苯	202-453-1	95-80-7	Intermediate of dyes, drugs and other organic synthesis. 染料、医药中间体及其他有机合成。
4-Nonylphenol, branched and linear 4-壬基(支链与直链)苯酚	/	/	Paint, ink, paper, glue, textiles. 油漆、油墨、纸张、胶水、橡胶制品。
6-methoxy-m-toluidine (p-cresidine) 2-甲氧基-5-甲基苯胺	204-419-1	120-71-8	Intermediate, dye synthesis. 中间体、染料合成。
[Phthalato(2-)]dioxotrilead 二盐基邻苯二甲酸铅 #	273-688-5	69011-06-9	Plastic. 塑胶制品。
Acetic acid, lead salt, basic 碱式乙酸铅 #	257-175-3	51404-69-4	Paint, coating, paint strippers, diluents. 油漆、涂层、脱漆剂、稀释剂。
Biphenyl-4-ylamine 4-氨基联苯	202-177-1	92-67-1	Intermediate of dyes and pesticides. 染料和农药中间体。
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) 十溴联苯醚	214-604-9	1163-19-5	Flame retardants. 阻燃剂。
Cyclohexane-1,2-dicarboxylic anhydride 环己烷-1,2-二羧酸酐类	/	/	Intermediate, resin modifying agent and epoxy resin curing Agent.



Substances / 物质	EC No.	CAS No.	Application / 可能用途
<i>trans-cyclohexane-1,2-dicarboxylic anhydride</i> 反式-环己烷-1,2-二羧酸酐	238-009-9	14166-21-3	中间体、树脂改性剂和环氧树脂固化剂。
<i>Cyclohexane-1,2-dicarboxylic anhydride</i> 环己烷-1,2-二羧酸酐	201-604-9	85-42-7	
<i>cis-cyclohexane-1,2-dicarboxylic anhydride</i> 顺式-环己烷-1,2-二羧酸酐	236-086-3	13149-00-3	
Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) 偶氮二甲酰胺(ADCA)	204-650-8	123-77-3	Polymer, glue, ink. 聚合物、胶水、墨水。
Dibutyltin dichloride (DBTC) 二丁基二氯化锡(DBTC)	211-670-0	683-18-1	Textile, plastic, rubber. 纺织品和塑料、橡胶制品。
Diethyl sulphate 硫酸二乙酯	200-589-6	64-67-5	Polymer, dyes. 生产聚合物、染料。
Diisopentyl phthalate 邻苯二甲酸二异戊酯	210-088-4	605-50-5	Plasticizers. 增塑剂。
Dimethyl sulphate 硫酸二甲酯	201-058-1	77-78-1	Polymer, dyes. 生产聚合物、染料。
Dinoseb (6-sec-butyl-2,4-dinitrophenol) 地乐酚	201-861-7	88-85-7	Plastic. 塑胶制品。
Dioxobis(stearato)trilead 双(十八烷基)二氧代三铅 #	235-702-8	12578-12-0	Plastic. 塑胶制品。
Fatty acids, C16-18, lead salts C16-18-脂肪酸铅盐 #	292-966-7	91031-62-8	Plastic. 塑胶制品。
Furan 呋喃	203-727-3	110-00-9	Solvent, organic synthesis. 溶剂、有机合成。
Henicosfluoroundecanoic acid 全氟十一烷酸	218-165-4	2058-94-8	Paint, paper, textile, leather. 油漆、纸张、纺织品、皮革等。
Heptacosfluorotetradecanoic acid 全氟十四烷酸	206-803-4	376-06-7	Paint, paper, textile, leather. 油漆、纸张、纺织品、皮革等。
Hexahydromethylphthalic anhydride 甲基六氢邻苯二甲酸酐类	/	/	
<i>Hexahydro-4-methylphthalic anhydride</i> 4-甲基六氢邻苯二甲酸酐	243-072-0	19438-60-9	
<i>Hexahydromethylphthalic anhydride</i> 甲基六氢邻苯二甲酸酐	247-094-1	25550-51-0	Resin, rubber, polymer. 生产树脂、橡胶、聚合物。
<i>Hexahydro-1-methylphthalic anhydride</i> 1-甲基六氢邻苯二甲酸酐	256-356-4	48122-14-1	
<i>Hexahydro-3-methylphthalic anhydride</i> 3-甲基六氢邻苯二甲酸酐	260-566-1	57110-29-9	
Lead bis(tetrafluoroborate) 四氟硼酸铅#	237-486-0	13814-96-5	Electroplating, welding, analytical reagent. 电镀、焊接、分析试剂。
Lead cyanamidate 氨基氰铅盐#	244-073-9	20837-86-9	Antirust. 防锈。
Lead dinitrate 硝酸铅 #	233-245-9	10099-74-8	Dyes, leather, pigments. 染料、皮革、颜料。
Lead monoxide (lead oxide) 一氧化铅 #	215-267-0	1317-36-8	Glass, ceramic, paint, rubber. 玻璃制品、陶瓷、颜料、橡胶。



Substances / 物质	EC No.	CAS No.	Application / 可能用途
Lead oxide sulfate 碱式硫酸铅 #	234-853-7	12036-76-9	Plastic. 塑胶制品。
Lead titanium trioxide 钛酸铅 #	235-038-9	12060-00-3	Semiconductors, coating, electronic ceramic filter. 半导体、涂料、电子陶瓷滤波器。
Lead titanium zirconium oxide 钛酸铅锆#	235-727-4	12626-81-2	Optical products, electronic products, electronic ceramic parts. 光学产品、电子产品、电子陶瓷零件。
Methoxyacetic acid 甲氧基乙酸	210-894-6	625-45-6	Intermediate. 中间体。
Methyloxirane (Propylene oxide). 1,2-环氧丙烷	200-879-2	75-56-9	Intermediate. 中间体。
N,N-dimethylformamide N,N-二甲基甲酰胺	200-679-5	68-12-2	Leather, printed circuit board. 皮革、印刷电路板。
N-methylacetamide N-甲基乙酰胺	201-182-6	79-16-3	Intermediate. 中间体。
N-pentyl-isopentylphthalate 邻苯二甲酸正戊基异戊基酯	/	776297-69-9	Plasticizers. 增塑剂。
o-aminoazotoluene 邻-氨基偶氮甲苯	202-591-2	97-56-3	Intermediate. 染料中间体。
o-toluidine 2-氨基甲苯	202-429-0	95-53-4	Intermediate. 染料中间体。
Orange lead (lead tetroxide) 四氧化三铅 #	215-235-6	1314-41-6	Glass, ceramic, paint, rubber. 玻璃制品、陶瓷、颜料、橡胶。
Pentacosfluorotridecanoic acid 全氟十三烷酸	276-745-2	72629-94-8	Paint, paper, textile, leather. 油漆、纸张、纺织品、皮革等。
Pentalead tetraoxide sulphate 硫酸四氧化五铅#	235-067-7	12065-90-6	Plastic, battery. 塑胶制品、电池。
Pyrochlore, antimony lead yellow 铅锑黄#	232-382-1	8012-00-8	Paint, coating, glass and ceramic products. 油漆、涂层、玻璃陶瓷制品。
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped 掺杂铅的硅酸钡 #	272-271-5	68784-75-8	Glass products. 玻璃制品。
Silicic acid, lead salt 硅酸铅 #	234-363-3	11120-22-2	Glass and enamel products. 玻璃搪瓷制品。
Sulfurous acid, lead salt, dibasic 二碱式亚硫酸铅#	263-467-1	62229-08-7	Glass and enamel products. 玻璃搪瓷制品。
Tetraethyllead 四乙基铅#	201-075-4	78-00-2	Fuel additive. 燃油添加剂。
Tetralead trioxide sulphate 硫酸三氧化四铅(三碱式硫酸铅) #	235-380-9	12202-17-4	Pigments, plastic, battery. 颜料、塑胶制品、电池。
Tricosfluorododecanoic acid 全氟十二烷酸	206-203-2	307-55-1	Paint, paper, textile, leather. 油漆、纸张、纺织品、皮革等。
Trilead bis(carbonate) dihydroxide 碱式碳酸铅#	215-290-6	1319-46-6	Paint, coating, ink, plastic. 油漆、涂料、油墨、塑胶制品。
Trilead dioxide phosphonate 二碱式亚磷酸铅#	235-252-2	12141-20-7	Plastic stabilizer. 塑料的稳定剂。



Substances / 物质	EC No.	CAS No.	Application / 可能用途
1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme) 三乙二醇二甲醚(TEGDME)	203-977-3	112-49-2	Solvents, process chemicals. 溶剂、加工化学品。
1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME) 乙二醇二甲醚(EGDME)	203-794-9	110-71-4	Batteries, solvents, process chemicals. 电池、溶剂、加工化学品。
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) 1,3,5-三(环氧乙基甲基)-1,3,5-三嗪-2,4,6-(1H, 3H, 5H)-三酮(TGIC)	219-514-3	2451-62-9	Plastic stabilizers, PCB ink, coatings, electrical insulating materials, resin curing agent. 塑料稳定剂、PCB 油墨、电子产品涂层、电绝缘材料、树脂固化剂等。
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H, 3H, 5H)-trione (β-TGIC) 1,3,5-三-[(2S和2R)-2,3-环氧丙基]-1,3,5-三嗪-2,4,6-(1H, 3H, 5H)-三酮(β-TGIC)	423-400-0	59653-74-6	Plastic stabilizers, PCB ink, coatings, electrical insulating materials, resin curing agent. 塑料稳定剂、PCB 油墨、电子产品涂层、电绝缘材料、树脂固化剂等。
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol 4,4'-二(二甲氨基)-4''-甲氨基三苯甲醇	209-218-2	561-41-1	Dyes, paints, pigments, inks. 染料、油漆、颜料、墨水。
4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-二(二甲氨基)二苯甲酮(米氏酮)	202-027-5	90-94-8	Dyes, pigments, printed circuit boards, polymer. 染料、颜料、PCB 板、聚合物。
[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) C.I.碱性紫 3	208-953-6	548-62-9	Textiles, plastics, paints, inks. 纺织品、塑胶、油漆、油墨。
[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.碱性蓝 26	219-943-6	2580-56-5	Inks, dyes, paints, pigments. 油墨、染料、油漆、颜料。
Diboron trioxide 三氧化二硼 #	215-125-8	1303-86-2	Glass and glass fiber, flame retardants, adhesives, inks, paints, coatings, fungicides, insecticides. 玻璃及玻璃纤维、电子产品阻燃剂、胶粘剂、油墨、油漆、涂料、杀菌剂、杀虫剂等。
Formamide 甲酰胺	200-842-0	75-12-7	Intermediates, plasticizers, synthetic leather, inks, solvents. 中间体、增塑剂、合成皮革、油墨、溶剂等。
Lead(II) bis(methanesulfonate) 甲基磺酸铅(II) #	401-750-5	17570-76-2	Plating. 电镀。
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) N,N,N',N'-四甲基-4,4'-二氨基二苯甲烷(米氏碱)	202-959-2	101-61-1	Dyes, pigments. 染料、颜料。
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) C.I.溶剂蓝 4	229-851-8	6786-83-0	Dyes, paints, pigments, inks. 染料、油漆、颜料、油墨。



Substances / 物质	EC No.	CAS No.	Application / 可能用途
19/12/2011 6th SVHC List (20 items, sum 71 items) 第六批 SVHC 清单 (共 20 项, 累计 71 项)			
1,2-dichloroethane 1,2-二氯乙烷	203-458-1	107-06-2	Used in the production of vinyl chloride monomer for polyvinyl chloride production; solvent for rubber, gums and resins; used in paints, coatings, adhesives, varnishes, soaps, and scouring agents. 橡胶, 胶状物质和树脂的溶剂; 油漆, 涂料, 胶粘剂, 清漆, 肥皂和洗涤剂原料; 皮革和金属清洗剂。
2,2'-dichloro-4,4'-methylenedianiline 4,4'-二氨基-3,3'-二氯二苯甲烷	202-918-9	101-14-4	Used as curing agent, cross-linker, chain extender, pre-polymer for polyurethane elastomers; used as glues, adhesives, and wood sealing. 聚氨酯合成橡胶的助剂和原料; 胶水、胶粘剂和木制品的密封剂。
2-Methoxyaniline, o-Anisidine 2-甲氧基苯胺	201-963-1	90-04-0	Intermediate in the manufacturing of azo dyes, pigments and fragrances; used in tattoo inks, crayon, paper, polymers and aluminum foil. 偶氮染料、颜料和香水中间体; 墨水、蜡笔、纸、聚合物和铝箔原料。
4-(1,1,3,3-tetramethylbutyl)phenol 对特辛基苯酚	205-426-2	140-66-9	Chemical intermediate for surfactant, vulcanization agent and paint; used in the formulation of adhesives; as a monomer for polymer preparations; used in textile auxiliaries, manufacture of nonionic surfactants. 表面活性剂、硫化剂和油漆中间体; 胶粘剂、聚合物单体; 印染助剂。
Aluminosilicate Refractory Ceramic Fibres 硅酸铝耐火陶瓷纤维 #	/	/	Used as insulating fiber for industrial furnaces, pipes, ducts and cables; metal reinforcement. 工业熔炉、管线、管道和线缆的隔热纤维; 金属的强化。
Arsenic acid 砷酸 #	231-901-9	7778-39-4	Used in the manufacturing process of glass; used as wood preservative; desiccant for cotton; used in the production of copper foil for printed circuit boards. 生产电路板的铜箔; 玻璃制造; 木材防腐; 棉织品的干燥剂等。
Bis(2-methoxyethyl) ether 二乙二醇二甲醚	203-924-4	111-96-6	Used in leather and metal cleaning; used as solvent for battery electrolytes; used in sealants and adhesives, paint and water-based dyes; used as dispersant for plastics and synthetic rubber. 皮革、金属的清洗剂; 电池电解质; 塑料和橡胶分散剂; 密封剂、胶粘剂、油漆等。
Bis(2-methoxyethyl) phthalate 邻苯二甲酸二甲氧基乙酯	204-212-6	117-82-8	Plasticizer for food contact polymers; used in adhesives, paint, lacquers, printing inks and varnishes. 聚合物的塑化剂; 胶粘剂、油漆、印刷油墨和清漆。
Calcium arsenate 砷酸钙 #	231-904-5	7778-44-1	Used in metallurgical refinement processes to precipitate nickel from molten copper. 冶金精炼。



Substances / 物质	EC No.	CAS No.	Application / 可能用途
Dichromium tris(chromate) 铬酸铬 #	246-356-2	24613-89-6	Catalyst in the mordanting of yarns; anti-corrosion paint. 纱媒染过程催化剂; 防腐漆。
Formaldehyde, oligomeric reaction products with aniline 甲醛与苯胺的低聚物	500-036-1	25214-70-4	Used as a precursor in the manufacture of methylene diphenyl-diisocyanate (MDI); as a hardener for epoxy resins; intermediate for high performance polymers. MDI 先驱体 (化工原料); 环氧树脂固化剂; 高性能聚合物材料中间体。
Lead diazide, Lead azide 叠氮化铅 #	236-542-1	13424-46-9	Used as initiator or booster in detonators for both civilian and military uses and as initiator in pyrotechnic devices. 雷管引爆剂; 烟火装置引爆剂。
Lead dipicrate 苦味酸铅 #	229-335-2	6477-64-1	Explosive. 炸药。
Lead styphnate 2,4,6-三硝基苯二酚铅(史蒂芬酸铅) #	239-290-0	15245-44-0	Used as a primer for small calibre and rifle ammunition; used in munition pyrotechnics, powder actuated devices and detonators for civilian use. 烟火弹药等。
N,N-dimethylacetamide N,N-二甲基乙酰胺	204-826-4	127-19-5	Used as solvent for resins, gums and various polymers; used in paint strippers, ink removers, coatings and adhesives formulations. 聚合物溶剂; 脱漆剂、油墨去除剂、涂料和胶粘剂原料。
Pentazinc chromate octahydroxide 氢氧化铬酸锌(锌黄) #	256-418-0	49663-84-5	Anti-corrosive agent for primer paints, wash primers. 底漆防腐腐蚀剂; 底漆清洗。
Phenolphthalein 酚酞	201-004-7	77-09-8	Acid base indicator; used in disappearing or color-changing inks or Dyes. 酸碱指示剂; 油墨或染料等。
Potassium hydroxyoctaoxodizincatedichromate 氢氧化铬酸锌钾 #	234-329-8	11103-86-9	Anti-corrosion pigment; formulation of coatings and sealants. 防腐颜料; 涂料和密封剂原料。
Trilead diarsenate 砷酸铅 #	222-979-5	3687-31-8	Insecticide; imported in complex byproducts from smelting and refining of nonferrous metal. 杀虫剂; 有色金属冶炼。
Zirconia Aluminosilicate Refractory Ceramic Fibres 氧化锆硅酸铝耐火陶瓷纤维 #	/	/	Used as insulating fiber for industrial furnaces, pipes, ducts and cables; metal reinforcement. 工业熔炉、管线、管道和线缆的隔热纤维; 金属的强化。
20/06/2011 5th SVHC List (7 items, sum 51 items) 第五批 SVHC 清单 (共 7 项, 累计 51 项)			45-51
1,2,3-trichloropropane 1,2,3-三氯丙烷	202-486-1	96-18-4	Intermediate in chlorinated solvent, which is used in paint, degreaser, glues; Cross-linking agent to manufacture polymers which are used as sealant and rubber production. 生产有机氯溶剂的中间体; 聚合物和橡胶生产中的交联剂等。
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl	276-158-1	71888-89-6	Plasticizer in plastic, in printing ink for paper, in



Substances / 物质	EC No.	CAS No.	Application / 可能用途
esters, C7-rich 1,2-苯二酸-二(C6-8 支链)烷基酯(富C7)			sealant and adhesive. 塑料、印刷油墨、密封胶和胶粘剂中的增塑剂。
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-苯二酸-二(C7-11 支链与直链)烷基(醇)酯	271-084-6	68515-42-4	Plasticizer in plastic, in sealant and adhesive. 塑料、密封胶和胶粘剂中的增塑剂。
1-Methyl-2-pyrrolidone (NMP) 1-甲基-2-吡咯烷酮	212-828-1	872-50-4	Spinning agent for PVC; Coating for metal and wood; Cleaning agent for electronics. PVC 纺纱剂; 金属和木材涂层; 电子原件清洗剂等。
2-ethoxyethyl acetate 乙二醇乙醚醋酸酯	203-839-2	111-15-9	Solvent in paints, varnishes, lacquers; Intermediate in chemical industry; Printing for plastic and rubber. 涂料、油漆中的溶剂; 化工中间体; 塑料和橡胶涂料。
Hydrazine 联氨	206-114-9	302-01-2, 7803-57-8	Synthesis of hydrazine derivatives for using as chemical blowing agent, paints, inks, organic dyes, etc.; Monomer in polymerization for coatings and adhesives; Reducing agent for the deposition of metal on plastics and glass. 合成用于化学发泡剂、油漆、油墨、染料的胍类衍生物; 聚合涂料和胶粘剂的单体; 在玻璃和塑料上沉积金属过程中的还原剂。
Strontium chromate 铬酸锶 #	232-142-6	7789-06-2	Component in chrome plating; Pigment and corrosion inhibitor for metal; Colorant for PVC. 电镀铬; 颜料和金属缓蚀剂; PVC 着色剂。
15/12/2010 4th SVHC List (8 items, sum 44 items) 第四批 SVHC 清单 (共 8 项, 累计 44 项)			37-44
2-ethoxyethanol 2-乙氧基乙醇	203-804-1	110-80-5	Solvent and chemical intermediate. 溶剂、中间体。
2-methoxyethanol 2-甲氧基乙醇	203-713-7	109-86-4	Solvent, chemical intermediate, fuel additive. 溶剂、中间体、燃料添加剂。
Acids generated from chromium trioxide and their oligomers 铬酸, 重铬酸, 铬酸及重铬酸低聚物 # <i>Dichromic acid 重铬酸</i> <i>Oligomers of chromic acid and dichromic acid</i> <i>Chromic acid 铬酸</i>	236-881-5 / 231-801-5	13530-68-2 / 7738-94-5	Generated when chromium trioxide is dissolved in water. The uses of these substances are the same as indicated for chromium trioxide. 三氧化铬溶于水的产物, 用途同三氧化铬。
Chromium trioxide 三氧化铬 #	215-607-8	1333-82-0	Metal finishing and fixing agent. 金属表面处理、固色剂。
Cobalt(II) carbonate 碳酸钴 #	208-169-4	513-79-1	Manufacture of catalysts, production of pigments, and adhesion. 色料、胶黏剂及催化剂等产品。
Cobalt(II) diacetate 乙酸钴 #	200-755-8	71-48-7	Manufacture of catalysts, surface treatment, alloys, production of pigments, dyes, and rubber adhesion. 表面处理剂、合金、色料、干燥剂、胶黏剂及催化剂等。
Cobalt(II) dinitrate 硝酸钴 #	233-402-1	10141-05-6	Manufacture of catalysts, surface treatment and batteries. 表面处理剂、电池及催化剂等产品。
Cobalt(II) sulphate 硫酸钴 #	233-334-2	10124-43-3	Manufacture of catalysts and driers, surface treatments (such as electroplating), corrosion



Substances / 物质	EC No.	CAS No.	Application / 可能用途
			prevention, production of pigments, decolourising (in glass, pottery) and batteries. 表面处理(如电镀)、防腐剂、电池、催化剂、干燥剂、色料、漂白。
18/06/2010 3rd SVHC List (8 items, sum 36 items) 第三批 SVHC 清单 (共 8 项, 累计 36 项)			29-36
Ammonium dichromate 重铬酸铵 #	232-143-1	7789-09-5	Photosensitive screens manufacturing, metal treatment, oxidizing agent, and laboratory analytical agent. 氧化剂; 皮革和纺织品制造; 金属处理; 制造(阴极射线管)感光屏。
Boric acid 硼酸 # <i>Boric acid, crude natural 硼酸, 天然</i> <i>Boric acid 硼酸</i>	234-343-4 233-139-2	11113-50-1 10043-35-3	Detergents and cleaners, adhesives, toys, industrial fluids, brake fluids, glass, ceramics, flame retardants, paints, disinfectants, cosmetics, food additives and other products. 防腐剂、食品添加剂、玻璃、陶瓷、橡胶、阻燃剂、涂料、刹车液、锡焊制品等。
Disodium tetraborate, anhydrous 无水四硼酸钠 #	215-540-4	12179-04-3, 1303-96-4, 1330-43-4	In detergents and cleaners, in glass and glass fibres, ceramics, industrial fluids, metallurgy, adhesives, flame retardants, personal care products, biocides, fertilizers. 玻璃及玻璃纤维、陶瓷、清洁剂、个人护理用品、工业流体、冶金、胶粘剂、阻燃剂、灭生物剂、肥料等。
Potassium chromate 铬酸钾 #	232-140-5	7789-00-6	Corrosion inhibitor for treatment and coating of metals, a colouring agent in ceramics, manufacturing of pigments /inks and laboratory analytical agent. 金属镀层; 陶瓷着色剂; 纺织品、皮革、颜料/油墨及烟火制造; 生产其他化学试剂。
Potassium dichromate 重铬酸钾 #	231-906-6	7778-50-9	Used for chrome metal manufacturing and as corrosion inhibitor for treatment and coating of metals, etc. 含铬金属的制造; 金属镀层; 皮革、纺织品的制造; 木材处理; 冷却系统中腐蚀抑制剂; 实验室分析试剂及化工生产。
Sodium chromate 铬酸钠 #	231-889-5	7775-11-3	An intermediate in the manufacture of other chromium compounds as well as a laboratory analytical agent. 实验室用分析试剂; 生产其他铬化合物
Tetraboron disodium heptaoxide, hydrate 七水合四硼酸钠 #	235-541-3	12267-73-1	In detergents and cleaners, in glass and glass fibers, ceramics, industrial fluids, metallurgy, adhesives, flame retardants, personal care products. 玻璃及玻璃纤维、陶瓷、清洁剂、个人护理用品、工业流体、冶金、胶粘剂、阻燃剂等。
Trichloroethylene 三氯乙烯	201-167-4	79-01-6	Cleaning and degreasing of metal parts or as solvent in adhesives; manufacturing of chlorinated and fluorinated organic compounds.



Substances / 物质	EC No.	CAS No.	Application / 可能用途
			金属部件清洗剂及脱脂剂; 胶粘剂的溶剂; 生产氯化及氟化有机化合物的中间体。
30/03/2010 & 13/01/2010 2nd SVHC List (13 items, sum 28 items) 第二批 SVHC 清单 (共 13 项, 累计 28 项)			16-28
Acrylamide 丙烯酰胺	201-173-7	79-06-1	Synthesis of polyacrylamides. 生产聚丙烯酰胺。
2,4-dinitrotoluene 2,4-二硝基甲苯	204-450-0	121-14-2	Synthesis of toluene diisocyanate, which used for manufacturing polyurethane foams. 生产甲苯二异氰酸酯(用于生产聚氨酯泡沫)的原料。
Anthracene oil 蒽油	292-602-7	90640-80-5	Manufacturing other substances such as anthracene and carbon black, used as reducing agents in blastfurnaces, as components in bunker fuel, for impregnating, sealing and corrosion protection. 生产蒽和碳黑等, 高炉还原剂和船用燃油成分, 起灌输、密封和腐蚀防护作用。
Anthracene oil, anthracene paste 蒽油, 蒽糊	292-603-2	90640-81-6	
Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分	295-275-9	91995-15-2	
Anthracene oil, anthracene paste, distn. lights 蒽油, 蒽糊, 轻油	295-278-5	91995-17-4	
Anthracene oil, anthracene-low 蒽油, 含蒽量少	292-604-8	90640-82-7	
Diisobutyl phthalate 邻苯二甲酸二异丁酯	201-553-2	84-69-5	Plasticizer. 增塑剂。
Lead chromate 铬酸铅(铬黄) #	231-846-0	7758-97-6	Pigment, dyes, detergents, bleaches, photosensitive materials. 生产颜料, 染料, 清洁剂、漂白剂、感光材料等。
Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 钼铬红(C.I.颜料红 104) #	235-759-9	12656-85-8	Colouring, painting, coating agent. 着色剂、涂料等。
Lead sulphochromate yellow (C.I. Pigment Yellow 34) 铅铬黄(C.I.颜料黄 34) #	215-693-7	1344-37-2	
Pitch, coal tar, high-temp. 沥青, 煤焦油, 高温	266-028-2	65996-93-2	Electrodes, corrosion protection. 电极、腐蚀防护、化工原料。
Tris(2-chloroethyl) phosphate 磷酸三(2-氯乙基)酯 (TCEP)	204-118-5	115-96-8	Plasticizer, viscosity regulator, flame retardant. 增塑剂、粘性调变剂、阻燃剂等。
28/10/2008 1st SVHC List (15 items, sum 15 items) 第一批 SVHC 清单 (共 15 项, 累计 15 项)			1-15
4,4'- Diaminodiphenylmethane (MDA) 4,4'-二氨基二苯甲烷(MDA)	202-974-4	101-77-9	Dyes, epoxy Resin Hardener, used as antioxidant and stabilizer in rubber. 染料, 环氧树脂固化剂, 橡胶抗氧化剂和稳定剂。
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene) 二甲苯麝香 (musk xylene)	201-329-4	81-15-2	Fragrance (cosmetics) 气味物 (化妆品)
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡 (SCCP)	287-476-5	85535-84-8	Flame retardants and plasticizer. 阻燃剂、增塑剂。
Anthracene 蒽	204-371-1	120-12-7	Dyes. 染料。
Benzyl butyl phthalate (BBP) 邻苯二甲酸丁苄酯(BBP)	201-622-7	85-68-7	Plasticizers, additive to adhesives or printing inks PVC Plasticizers,additive to adhesives or printing inks Plasticizer. 增塑剂, 粘合剂和印刷油墨的添加剂。
Bis (2-ethylhexyl)phthalate (DEHP) 邻苯二甲酸二(2-乙基己)酯(DEHP)	204-211-0	117-81-7	



Substances / 物质	EC No.	CAS No.	Application / 可能用途
Bis(tributyltin) oxide (TBTO) 三丁基氧化锡	200-268-0	56-35-9	Electrical and electronic products, textile, insulator. 电子电气产品, 纺织品, 绝缘剂。
Cobalt dichloride 二氯化钴 #	231-589-4	7646-79-9	Drying agents such as silica gel. 干燥剂 (如硅胶), 医药, 橡胶, 电镀, 漆类。
Diarsenic pentaoxide 五氧化二砷 #	215-116-9	1303-28-2	Dyes, glassware, metallurgy. 染料, 玻璃, 冶金。
Diarsenic trioxide 三氧化二砷 #	215-481-4	1327-53-3	Decolorant, glassware, wood preservatives, metallurgy. 脱色剂, 玻璃制品, 木头防腐剂, 冶金。
Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯(DBP)	201-557-4	84-74-2	Plasticizers, additive to adhesives or printing inks PVC Plasticizers, additive to adhesives or printing inks Plasticizer. 增塑剂, 粘合剂和印刷油墨的添加剂。
Hexabromocyclododecane (HBCDD) 六溴环十二烷 (HBCDD) <i>1,2,5,6,9,10-hexabromocyclododecane</i> <i>1,2,5,6,9,10-六溴环十二烷</i> <i>Hexabromocyclododecane</i> 六溴环十二烷 <i>alpha-hexabromocyclododecane</i> α -六溴环十二烷 <i>beta-hexabromocyclododecane</i> β -六溴环十二烷 <i>gamma-hexabromocyclododecane</i> γ -六溴环十二烷	221-695-9 247-148-4 / / /	3194-55-6 25637-99-4 134237-50-6 134237-51-7 134237-52-8	Flame retardants. 阻燃剂。
Lead hydrogen arsenate 酸式砷酸铅 #	232-064-2	7784-40-9	Herbicides, insecticides 杀虫剂, 农药
Sodium dichromate 重铬酸钠 #	234-190-3	10588-01-9, 7789-12-0	Pigment, metal finishing, coloured glass and ceramic glazes. 颜料, 防腐蚀镀层, 玻璃处理用, 陶瓷光亮处理用。
Triethyl arsenate 三乙基砷酸酯 #	427-700-2	15606-95-8	Preservatives in wood and textiles. 木材, 纺织品用防腐剂。