



本公司(公司名: 天马微电子(香港)有限公司), 特此保证: 提供给贵公司 (醫揚科技股份有限公司) 的产品, 均符合EU REACH最新规定(网址: http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp), 且下列供贵公司通报欧盟之REACH SVHC物质调查资料完整且准确。若本公司提供的产品与资料与事实不符而导致贵公司违反EU REACH最新规定而遭受直接损失的, 本公司愿对贵公司负直接损失赔偿责任。

Our company (name: Tianma Micro-electronics (Hong Kong) Limited),hereby declare that products delivered to(醫揚科技股份有限公司) are in compliance with the newest EU REACH Regulation (URL:http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp), and all data listed in EU SVHC attached are complete and true. If the products and datas provided by our company are inconsistent with facts, which causes your company to violate the said EU's REACH regulations, our company shall be responsible for the direct losses thus incurred by your company.

Part No list
TM070JDHG30-00

Company Seal (公司公章):



欧盟REACH 指令之高度关注物质(SVHC) 清单

The EU REACH directive of substances of very high concern (SVHC)List

序号 No.	中文名称 Chinese Name	英文名称 English Name	化学文摘社 CAS No.	欧盟 NO EC No.	应用对象 Application object	是否含有 Contains or not (Y/N)	物货重量(g) Substance Weight (g)	使用含量 Content (ppm)	使用用途或目的 Purpose of Use	使用部位 Application Area	其他说明事项 Additional Information
第1批 15种物质											
1	蒽	Anthracene	120-12-7	207-371-1	PBT (article 57d) 杀虫剂，可能在木制包装材料中，一般条件很少使用 Insecticide may be used in wood packing material, rarely used.	N					
2	4,4'-二氨基二苯甲烷	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	Carcinogenic (article 57a) PU泡沫和树脂的中间体,可能会作为环氧树脂和黏合剂的硬化剂 Intermediate for some polyurethane foam and resins, may be used as hardener in epoxy resins and adhesive.	N					
3	邻苯二甲酸二丁酯	Dibutyl phthalate(DBP)	84-74-2	201-557-4	Toxic for reproduction (article 57c) 塑料等常用增塑剂,也会使用在密封剂,清洗剂,纸品涂层,油墨,树脂和黏合剂中 Plasticizer in plastics (e.g., polyvinyl chloride).Used in sealants, varnishes, paper coatings, inks, resins and adhesives.	N					
4	邻苯二甲酸二(2-乙基己)酯	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	Toxic for reproduction (article 57c) 塑胶制品增塑剂,用于密封剂,清洗剂,纸品涂层和黏合剂,油墨,树脂中 Plasticizer in plastics (e.g., polyvinyl chloride).Used in sealants, varnishes, paper coatings, inks, resins and adhesives.	N					
5	邻苯二甲酸丁苄酯	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	Toxic for reproduction (article 57c) 塑料常用增塑剂,也使用于密封剂,清洗剂,纸品涂料,油墨,树脂和黏合剂中 Plasticizer in plastics (e.g., polyvinyl chloride).Used in sealants, varnishes, paper coatings, inks, resins and adhesives.	N					
6	二氯化钴	Cobalt dichloride	7646-79-9	231-589-4	Carcinogenic (article 57a) 用作电镀,制造其它钴盐和油漆干燥剂 Cobalt plating and cobalt based pigments and driercompounds (desiccants).	N					
7	五氧化砷	Diarsenic pentaoxide	1303-28-2	215-116-9	Carcinogenic (article 57a) 用于制药物,杀虫剂,金属焊接剂.木制防腐剂,有色金属玻璃,染料以及铜,铅或金属合金时的硬化剂 Hardener for copper, lead or gold in alloys. Used in production of dyes and glass. Wood preservative.	N					
8	三氧化二砷	Diarsenic trioxide	1327-53-3	215-481-4	Carcinogenic (article 57a) 合成砷化镓,多用于木制品的防腐和玻璃工业 Used to make elemental arsenic, gallium arsenide and some alloys. Used in glass industry. Wood preservative.	N					
9	酸式砷酸铅	Lead hydrogen arsenate	7784-40-9	232-064-2	Carcinogenic and toxic for reproduction (articles 57 a and 57 c) 木制品杀虫剂 Biocide for wood	N					
10	三乙基砷酸酯	Triethyl arsenate	15606-95-8	427-700-2	Carcinogenic (article 57a) 木制品杀虫剂 Biocide for wood.	N					
11	重铬酸钠二水合物	Sodium dichromate dehydrate	7789-12-0 10588-01-9	234-190-3	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c) 金属处理,钝化,电镀,油漆,塑料和玻璃中绿色色素 Metal finishing, passivation and metal plating. Pigments in paints, plastics, and glass	N					
12	二甲苯麝香	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	vPvB (article 57e) 人造麝香,存在的可能性很小 Synthesized muskiness, may unlikely present.	N					
13	六溴环十二烷	HBCDD:Hexabromocyclododecane (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6(134237-50-6,134237-51-7,134237-52-9)	247-148-4,	PBT (article 57d) 用作添加型阻燃剂,用于聚苯乙烯,不饱和聚酯,聚碳酸酯,聚丙烯,合成橡胶等 Flame retardant in extruded and expanded polystyrene and flexible polyurethane foam.	N					
14	C10-13 短链氯化石蜡	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	PBT and vPvB (articles 57 d and 57 e) 塑料制品中阻燃剂,很少使用 flame retardant and plasticizers. Rarely found.	N					
15	三丁基氧化锡	Bis(tributyltin)oxide	56-35-9	200-268-0	PBT (article 57d) 杀菌剂,油漆,涂料等防护剂,也可用作制冷剂,发泡剂等,很少使用 Antiseptic, antifungal agent, paint, pigment, antistaining, refrigerant, foaming agent, extinguishant. Rarely found.	N					
第2批 15种物质											
The Annexure of 15 SVHCs List											
16	蒽油	Anthracene oil	90640-80-5	292-602-7	Carcinogenic[2], PBT and vPvB (articles 57a, 57d and 57e) 橡胶制品、橡胶油、轮胎 rubber products、rubber oil、tire	N					
17	蒽油，蒽糊，轻油	Anthracene oil,anthracene paste,distrn.lights	91995-17-4	295-278-5	Carcinogenic[2], mutagenic[3], PBT and vPvB (articles 57a, 57b, 57d and 57e) 橡胶制品、橡胶油、轮胎 rubber products、rubber oil、tire	N					
18	蒽油，蒽糊，蒽馏分	Anthracene oil,anthracene paste,anthracene fraction	91995-15-2	295-275-9	Carcinogenic[2], mutagenic[3], PBT and vPvB (articles 57a, 57b, 57d and 57e) 橡胶制品、橡胶油、轮胎 rubber products、rubber oil、tire	N					
19	蒽油，含蒽量少	Anthracene oil,anthracene-low	90640-82-7	292-604-8	Carcinogenic[2], mutagenic[3], PBT and vPvB (articles 57a, 57b, 57d and 57e) 橡胶制品、橡胶油、轮胎 rubber products、rubber oil、tire	N					
20	蒽油，蒽糊	Anthracene oil,anthracene paste	90640-81-6	292-603-2	Carcinogenic[2], mutagenic[3], PBT and vPvB (articles 57a, 57b, 57d and 57e) 橡胶制品、橡胶油、轮胎 rubber products、rubber oil、tire	N					
21	沥青，煤焦油，高温	pitch, coal tar, high temp.	65996-93-2	266-028-2	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e) 涂料、塑料、橡胶 coatings, plastic, rubber	N					

22	2,4-二硝基甲苯	2,4-Dinitrotoluene	121-14-2	204-450-0	Carcinogenic (article 57a) 制造染料中间体、炸药、油漆、涂料 intermediates for dye manufacture, explosives, paints, coatings	N					
23	丙烯酰胺	Acrylamide	1979-6-1	201-173-7	Carcinogenic and mutagenic (articles 57 a and 57 b) 丙烯酰胺几乎完全用于合成聚丙烯酰胺。聚丙烯酰胺应用广泛，特别是在废水处理、纸张加工、聚丙烯酰胺凝胶的制备以及土木工程的灌浆剂。 in waste water treatment and paper processing. Minor uses of acrylamide comprise the preparation of polyacrylamide gels for research purposes and as a grouting agent in civil engineering.	N					
24	钼铬红（C.I. 颜料红104）	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	Carcinogenic and toxic for reproduction (articles 57 a and 57 c) 由于涂料、油墨和塑料制品的着色 colorant for Coatings, inks and plastics	N					
25	铅铬黄（C.I. 颜料黄34）	Lead sulfochromate yellow(C.I. Pigment Yellow 34)	1344-37-2	215-693-7	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)) 由于制造涂料、油墨、色浆、文教用品、塑料、塑粉、橡胶、油彩颜料等着色 colorant for Paint, ink, paste, stationery, plastic, plastic powder, rubber, paint pigments	N					
26	邻苯二甲酸二异丁酯(DIBP)	Diisobutyl phthalate	84-69-5	201-553-2	Toxic for reproduction (article 57c) 树脂和橡胶的增塑剂，广泛用于塑料、橡胶、油漆及润滑油、乳化剂等工业中 plasticizer for resin and rubber, widely used in plastics, rubber, paints and lubricants, emulsifiers and other industries	N					
27	铬酸铅	Lead chromate	7758-97-6	231-846-0	Carcinogenic and toxic for reproduction (articles 57 a and 57 c) 可作黄色颜料、氧化剂和火柴成分，油性合成树脂涂料、印刷油墨、水彩和油菜的颜料，色纸、橡胶和塑料制片的着色剂 yellow pigments, oxidants, and match components, synthetic resin, printing ink, dye for watercolor and oil panint, colorant for colored paper, rubber and plastic	N					
28	磷酸三(2-氯乙基)酯 (TCEP)	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	Toxic for reproduction (article 57c) 阻燃剂、阻燃剂增塑剂、金属萃取剂、润滑油、汽油添加剂，以及聚酰亚胺加工改性剂 Flame retardant, flame retardant plasticizer, metal extraction agents, lubricants, gasoline additives, and processing of polyimide modifier	N					
第3类 8种物质 The Announcement of the Third 8 SVHCs List											
29	三氯乙烯	Trichloroethylene	79-01-6	201-167-4	Carcinogenic (article 57 a) 金属部件的清洗剂和去污剂；黏合剂中的溶剂；用于生产氯氟有机化合物的中间体 Metal parts cleaning agents and detergents; adhesives in the solvent; for the production of chlorofluorocarbon compounds for intermediates	N					
30	硼酸	Boric acid	10043-35-3, 11113-50-1	233-139-2 / 234-343-4	Toxic for reproduction (article 57 c) 具有众多用途，例如：用于生物杀灭剂、防腐剂、个人护理产品、食品添加剂、玻璃、陶瓷、橡胶、化肥、阻燃剂、涂料、工业液体、刹车液、锡焊产品、胶片显影剂 Has many uses, for example: for biocides, preservatives, personal care products, food additives, glass, ceramics, rubber, fertilizers, flame retardants, paints, industrial fluids, brake fluid, soldering products, film developing agent	N					
31	無水四硼酸鈉	Disodium tetraborate anhydrous	1330-43-4, 12179-04-3, 1303-96-4.	215-540-4	Carcinogenic (article 57a) 具有多种用途，例如：用于玻璃及玻璃纤维、陶瓷、洗涤剂及清洁剂、个人护理产品、工业液体、冶金、黏合剂、阻燃剂、生物杀灭剂、化肥等 With a variety of purposes, such as: for glass and glass fiber, ceramics, detergents and cleaning agents, personal care products, industrial fluids, metallurgy, adhesives, flame retardants, biocides, fertilizers, etc.	N					
32	七水合四硼酸鈉	Tetraboron disodium heptaoxide hydrous	12267-73-1	235-541-3	Carcinogenic (article 57a) 具有多种用途，例如：用于玻璃及玻璃纤维、陶瓷、洗涤剂及清洁剂、个人护理产品、工业液体、冶金、黏合剂、阻燃剂、生物杀灭剂、化肥等 With a variety of purposes, such as: for glass and glass fiber, ceramics, detergents and cleaning agents, personal care products, industrial fluids, metallurgy, adhesives, flame retardants, biocides, fertilizers, etc.	N					
33	鉻酸鈉	Sodium chromate	7775-11-3	231-889-5	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c) 试验用分析试剂；生产其它含铬化合物 Testing of reagents; production of other chromium compounds	N					
34	鉻酸鉀	Potassium chromate	7789-00-6	232-140--5	Carcinogenic and mutagenic (articles 57 a and 57 b). 金属处理及镀层；生产化学品及试剂；生产纺织品；陶瓷着色剂；皮革鞣制及敷料；生产颜料及油墨；实验室用试剂；烟火制造 Metal processing and coating; production of chemicals and reagents; production of textiles; ceramic colorant; leather tanning and dressing; production of paint and ink; laboratory reagents; Pyrotechnics	N					
35	重鉻酸鉍	Ammonium dichromate	7789-09-5	232-143- 1	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c) 氧化剂；实验室用试剂；皮革鞣制；生产纺织品；生产感光屏幕（阴极射线管）；金属处理 Oxidant; laboratory reagents; leather tanning; production of textiles; production of light-sensitive screen (cathode ray tube); Metal Processing	N					
36	重鉻酸鉀	Potassium dichromate	7778-50-9	231-906-6	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c) 生产金属铬；金属处理及镀层；生产化学试剂；实验室用试剂；清洁玻璃实验仪器；皮革鞣制；生产纺织品；照相平板；木材处理；制冷系统防腐剂 Production of chromium metal; metal processing and coating; production of chemical reagents; laboratory reagents; clean glass laboratory equipment; leather tanning; production of textiles; photographic plate; wood processing; cooling system preservative	N					

第4批 8种物质 The Announcement of the Forth 8 SVHCs List										
37	乙二醇(單)甲醚	Ethylene Glycol Monomethyl Ether	109-86-4	203-713-7	Toxic for reproduction (article 57c) 主要用作溶剂、化学中间体以及燃料添加剂 Mainly used as solvents, chemical intermediates and fuel additives	N				
38	乙二醇(單)乙醚	Ethylene Glycol Monoethyl Ether	110-80-5	203-804-1	Toxic for reproduction (article 57c) 主要用作溶剂和化学中间体 Mainly used as solvents and chemical intermediates	N				
39	硫酸鈷	cobalt(II) sulphate	10124-43-3	233-334-2	Carcinogenic and toxic for reproduction (articles 57 a and 57 c) 主要用于生产其它化学试剂。更多的应用包括生产催化剂、干燥剂、表面处理（例如电镀）、抗腐蚀、生产颜料、脱色（在玻璃和陶瓷中）、电池、动物食品添加剂、土壤肥料以及其它应用 Primarily for the production of other chemical reagents. More applications include production of catalysts, drying, surface treatment (eg plating), anti-corrosion, producing pigments, bleaching (in the glass and ceramics), batteries, animal food additives, soil nutrients, and other applications	N				
40	硝酸鈷	cobalt dinitrate	10141-05-6	233-402-1	Carcinogenic and toxic for reproduction (articles 57 a and 57 c) 主要用于生产其它化学试剂以及生产催化剂。更多的应用包括表面处理以及电池 Primarily for the production of other chemical reagents and the production of catalysts. More applications include surface treatment, and battery	N				
41	碳酸鈷	Cobalt(II) carbonate	513-79-1	208-169-4	Carcinogenic and toxic for reproduction (articles 57 a and 57 c) 主要用于生产催化剂。少量用作是饲料添加剂、生产其它化学试剂、颜料以及黏合（在玻璃料表明黏合） Primarily for the production of catalysts. A small amount is used as feed additives, the production of other chemical reagents, pigments and bonding (bonding in the glass material that)	N				
42	醋酸鈷	cobalt (di)acetate	71-48-7	200-755-8	Carcinogenic and toxic for reproduction (articles 57 a and 57 c) 主要用于生产催化剂。少量用途包括生产其它化学试剂、表面处理、合金、生产颜料、染料、橡胶黏合以及饲料添加剂 Primarily for the production of catalysts. Other uses include production of a small amount of chemical reagents, surface treatment, alloy, producing pigments,	N				
43	三氧化鉻	Chromium trioxide	1333-82-0	215-607-8	Carcinogenic and toxic for reproduction (articles 57 a and 57 b) 主要用作金属后处理以及水运木头防腐剂的调和剂 Mainly used for metal processing, and water transportation of wood preservatives after the transportation of agent	N				
44	從三氧化鉻產生的酸類以及它們的低聚物： 鉻酸，重鉻酸，鉻酸和重鉻酸的低聚物	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	7738-94-5 13530-68-2	231-801-5 236-881-5	Carcinogenic (article 57a) 三氧化鉻溶解于水中，会产生这些酸以及它们的齐聚物。三氧化鉻主要被用作形成水性溶液。因此，使用这些物质和使用三氧化鉻是一样的 Trioxide dissolved in water, will produce these acids and their oligomers. The formation of chromium trioxide is used as the main water-based solution. Therefore, the use of these substances and the use of chromium trioxide is the same	N				
第5批 7种物质 The Announcement of the Fifth 7 SVHCs List										
45	乙二醇乙醚乙酸酯	2-Ethoxyethyl acetate	203-839-2	111-15-9	涂料和化学工业溶剂,制造氨基丙烯酸胶粘剂中间体 Solvent and intermediate, formulation of paints, lacquers and varnishes	N				
46	鉻酸锶	strontium chromate	232-142-6	7789-6-2	航空航天使用的涂料,钢/铝卷材料和车辆涂料抗蚀剂 Inhibitor, pigments, paints, varnishes, oil-colors, sealants, formulations in aeronautic/aerospace sector, coil coating sector of steel and aluminum and vehicle coating sector.	N				
47	1,2-苯二酸二(C7-11支链与直链)烷基(醇)酯 (DHNUP)	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	PVC、泡沫材料、胶粘剂和涂料的增塑剂 Adhesives and binding agents, paint, lacquers and varnishes, construction materials	N				
48	水合肼	Hydrazine	206-114-9	302-01-2 / 7803-57-8	制造胍系衍生物的中间体，聚合反应的单体，水处理的抗蚀剂，金属还原化学物质的提纯，航天工具的推进剂和军事动力装置的烯料 Hydrazine derivatives in pharmaceuticals, agrochemicals, chemical blowing agents, paints, inks and organic dyes, reagents, monomer in polymerizations, corrosion inhibitor, reducing agent in the deposition metals and purification of chemical reagents, stabilizing agent, laboratory chemical reagent; Propellant for aerospace vehicles, fuel in military gas generators.	N				
49	N-甲基吡咯烷酮	1-Methyl-2-pyrrolidone	212-828-1	872-50-4	涂料，清洁产品，电子设备制造，半导体工业，石化产品处理，医药品和农化学品的溶剂，脱脂剂 Coatings (paints, printing inks),cleaning products (polymer removers, paint strippers/cleaners),agrochemicals, electronic equipment manufacture, petrochemical processing, pharmaceuticals.	N				
50	1,2,3三氯丙烷	1,2,3-Trichloropropane	202-486-1	96-18-4	氯化深剂和农产品制造的中间体，也用作单体，溶剂，油漆清漆的去除和 Pesticides, chlorinated solvents, polysulfide elastomers, hexafluoroprpylene.	N				
51	邻苯二甲二异庚酯(DHP)	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	PVC，密封剂，涂料和印刷油墨的增塑剂 Plasticiser in PVC, plasticiser in sealants and printing inks, sealants and coatings, printing inks, oil additive.	N				
第6批 20种物质 The Announcement of the Sixth 20 SVHCs List										
52	鉻酸鉻	Dichromium tris(chromate)	246-356-2	24613-89-6	用于在航空航天，钢铁和铝涂层等行业的金属表面混合物。 Mainly used in mixtures for metal surface treatment in the aeronautic/aerospace, steel and aluminium coating sectors	N				
53	氢氧化鉻酸鋅鉀	Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	航空航天，钢铁，铝涂层，汽车涂层等涂层。 Mainly used in coatings in the aeronautic/ aerospace, steel and aluminium coil coating and vehicle coating sectors	N				
54	鋅黄	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	汽车涂层，航空航天的涂层。 Mainly used in coatings in the vehicle coating and aeronautic / aerospace sectors.	N				

55	硅酸铝耐火陶瓷纤维(RCF)	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	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。 Refractory ceramic fibres are used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment, equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process equipment).	N					
56	氧化锆硅酸铝耐火陶瓷纤维(Zr-RCF)	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	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。 Refractory ceramic fibres are used for high-temperature insulation, almost exclusively in industrial applications (insulation of industrial furnaces and equipment, equipment for the automotive and aircraft/aerospace industry) and in fire protection (buildings and industrial process equipment).	N					
57	甲醛与苯胺的聚合物	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	主要用于其他物质的生产，少量用于环氧树脂固化剂。Mainly used for manufacture of other substances. Minor uses are as hardener for epoxy resins, e.g. for the production of rolls, pipes and moulds, and as well for adhesives.	N					
58	邻苯二甲酸二甲氧乙酯	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	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。 No registration for this phthalate compound has been submitted to ECHA. Hence, the substance seems not to be manufactured in or imported to the EU in quantities above 1 t/y. Main uses in the past were as plasticiser in polymeric materials and paints, lacquers and varnishes, including printing inks.	N					
59	邻甲氧基苯胺	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	主要用于纹身和着色纸的染料生产，聚合物和铝箔 Mainly used in the manufacture of dyes for tattooing and coloration of paper, polymers and aluminium foil.	N					
60	对特辛基苯酚	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	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。 Mainly used in the manufacture of polymer preparations and of ethoxylates. Further used as a component in adhesives, coatings, inks and rubber articles.	N					
61	1,2-二氯乙烷	1,2-dichloroethane	203-458-1	107-06-2	用于制造其他物质，少量作为化学和制药工业的溶剂。Mainly used for manufacture of other substances. Minor uses as solvent in the chemical and pharmaceutical industry.	N					
62	二乙二醇二甲醚	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	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胶，胶粘剂，燃料和汽车护理产品。 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	N					
63	砷酸、原砷酸	Arsenic acid	231-901-9	7778-39-4	主要用于陶瓷玻璃融化和层压印刷电路板的消泡剂。Mainly used to remove gas bubbles from ceramic glass melt and in the production of laminated printed circuit boards	N					
64	砷酸钙	Calcium arsenate	231-904-5	7778-44-1	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。 Calcium arsenate is present in complex raw materials imported for manufacture of copper, lead and a range of precious metals. It appears mainly to be used as precipitating agent in copper smelting and to manufacture diarsenic trioxide. However, most of the substance seems to be disposed of as waste.	N					
65	砷酸铅	Trilead diarsenate	222-979-5	3687-31-8	生产铜，铅和贵金属的原材料。 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	N					
66	N,N-二甲基乙酰胺 (DMAC)	N,N-dimethylacetamide	204-826-4	127-19-5	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。 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.	N					

67	4,4'-二氨基-3,3'-二氯二苯甲烷 (MOCA)	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	主要用于树脂固化剂和聚合物的生产，以及建筑和艺术。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.	N					
68	酚酞	Phenolphthalein	201-004-7	1977-9-8	主要用于实验室试剂，PH试纸和医疗产品。Mainly used as laboratory agent (in pH indicator solutions), for the production of pH-indicator paper and in medicinal products.	N					
69	迭氮化铅	Lead diazide, Lead azide	236-542-1	13424-46-9	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。Mainly used as initiator or booster in detonators for both civilian and military uses and as initiator in pyrotechnic devices.	N					
70	2,4,6-三硝基苯二酚铅	Lead styphnate	239-290-0	15245-44-0	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。Mainly used as a primer for small calibre and rifle ammunition. Other common uses are in munition pyrotechnics, powder actuated devices and detonators for civilian use.	N					
71	苦味酸铅	Lead dipicrate	229-335-2	6477-64-1	ECHA没有收到任何关于该物质的注册，苦味酸铅是一种爆炸物，在雷管的混合物中会少量用到此物质 No registration for this substance has been submitted to ECHA. Lead dipicrate is an explosive like lead diazide and lead styphnate. It may be used in low amounts in detonator mixtures together with the two other mentioned lead compounds.	N					
第七批 13项物质 The Announcement of the Seventh 13 SVHCs List											
72	三甘醇二甲醚 (TEGDME)	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	主要用作溶剂和化学品生产助剂。其次用于汽车发动机的刹车油和维修。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.	N					
73	1,2-二甲氧基乙烷; (EGDME)	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	主要用于化学品生产中的溶剂和加工助剂，包括锂电池中用作电解液。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.	N					
74	三氧化二硼	Diboron trioxide	215-125-8	1303-86-2	大量用于玻璃，玻璃纤维，玻璃料，陶瓷，阻燃剂，催化剂，切削液，冶金，胶黏剂，油墨，显影剂，洗涤剂，农药和杀虫剂。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.	N					
75	甲酰胺	Formamide	200-842-0	1975-12-7	主要用于中间体。其次用作溶剂，反应剂（在制药中）和实验室化学品。进一步作为增塑剂用于农药行业。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.	N					
76	甲基磺酸铅	bis(methanesulfonate)	401-750-5	17570-76-2	主要用于电子元器件（如印刷电路板）的电镀过程（电解质的和无电镀的）。Mainly used in plating (both electrolytic and electroless) processes for electronic components (such as printed circuit boards).	N					
77	1,3,5-三缩水甘油-S-三嗪三酮;异氰尿酸三缩水甘油酯	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazin e-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	主要用于树脂和涂层的硬化剂；也用于印刷电路板的油墨中，电绝缘材料，树脂模具，丝印涂层，模具，粘合剂，里衬材料和塑料稳定剂。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.	N					
78	1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立体异构体;	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2, 4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	主要用于树脂和涂层的硬化剂；也用于印刷电路板的油墨中，电绝缘材料，树脂模具，丝网印刷涂层，模具，粘合剂，里衬材料和塑料稳定剂。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.	N					
79	4,4'-二(N,N-二甲氨基)二苯甲酮; 米蚩酮;四甲基米氏酮	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	用于生产三苯甲烷染料和其它物质的中间体。可能用于染料和颜料的添加剂（感光剂），干膜产品，电路板中的制版化学品。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.	N					
80	N,N,N,N'-四甲基-4,4'-二氨基二苯甲烷;	N,N,N,N'-tetramethyl-4,4'-methylened ianiline (Michler's base)	101-61-1	202-959-2	用于制造染料和其它物质的中间体。也用作化学试剂的研究和开发。Intermediate in the manufacture of dyes and other substances. Used also as chemical reagent in research and development.	N					
81	碱性紫3	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1 -ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	主要用于纸张着色和打印机墨盒和圆珠笔提供墨水。还用于干花染色，标记的亮度，微生物染色和临床检验。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.	N					
82	碱性蓝26	[4-[[4-anilino-1-naphthyl][4-(dimethyla mino)phenyl]methylene]cyclohe xa-2,5 -dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	用于墨水，清洗剂，涂层产品，以及纸品，包装，纺织品，塑料产品和其它类型的物品的染色。还用于诊断和分析应用。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 applications.	N					
83	溶剂蓝4	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methan ol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	主要用于印刷产品和墨水，纸品的染色以及混合物如，汽车挡风玻璃的清洗剂。Mainly used in the production of printing and writing inks, for dyeing of paper and in mixtures such as windscreen washing agents.	N					

84	α,α -二[(二甲氨基)苯基]-4-甲氨基苯甲醇	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	用于墨水产品和潜在的其它墨水产品，以及各种材料的染色工艺。 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.	N					
第8批 54项物质 Part 8 54 substances											
85	十溴联苯醚	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	阻燃剂	N					
86	全氟十三酸	Pentacosaf fluorotridecanoic acid	72629-94-8	276-745-2	油漆、纸张、纺织品、皮革等	N					
87	全氟十二烷酸	Tricosaf fluorododecanoic acid	307-55-1	206-203-2	油漆、纸张、纺织品、皮革等	N					
88	全氟十一烷酸	Henicosaf fluoroundecanoic acid	2058-94-8	218-165-4	油漆、纸张、纺织品、皮革等	N					
89	全氟代十四酸	Heptacosaf fluorotetradecanoic acid	376-06-7	206-803-4	油漆、纸张、纺织品、皮革等	N					
90	偶氮二甲酰胺	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	聚合物、胶水、墨水	N					
91	六氢邻苯二甲酸酐	Cyclonexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are</i>	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	生产树脂、橡胶、聚合物	N					
	c六氢-1,3-异苯并呋喃二酮					N					
	反-1,2-环己烷二羧酸酐					N					

92	甲基六氢苯酐、	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric 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	N					
	4-甲基六氢苯酐、					N					
	甲基六氢化邻苯二甲酸酐、					N					
	3-甲基六氢苯二甲酯酐					N					
93	4-壬基(支链与直链)苯酚（含有线性或分支、共价绑定苯酚的9个碳烷基链的物质，包括	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-	-	-	油漆、油墨、纸张、胶水、橡胶制品	N					
						N					
94	对特辛基苯酚乙氧基醚（包括界定明确的物质以及UVCB物质、聚合物和同系物）	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	油漆、油墨、纸张、胶水、纺织品	N					
						N					
95	甲氧基乙酸	Methoxyacetic acid	625-45-6	210-894-6	中间体	N					
96	N,N-二甲基甲酰胺	N,N-dimethylformamide	1968-12-2	200-679-5	皮革、印刷电路板	N					
97	二丁基二氯化锡 (DBTC)	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	纺织品和塑料、橡胶制品	N					
98	氧化铅	Lead monoxide (lead oxide)	1317-36-8	215-267-0	玻璃制品、陶瓷、颜料、橡胶	N					
99	四氧化三铅	Orange lead (lead tetroxide)	1314-41-6	215-235-6	玻璃制品、陶瓷、颜料、橡胶	N					
100	氟硼酸铅	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	电镀、焊接、分析试剂	N					
101	碳式碳酸铅	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	油漆、涂料、油墨、塑胶制品	N					
102	钛酸铅	Lead titanium trioxide	12060-00-3	235-038-9	半导体、涂料、电子陶瓷滤波器	N					
103	钛酸铅锆	Lead titanium zirconium oxide	12626-81-2	235-727-4	光学产品、电子产品、电子陶瓷零件	N					
104	硅酸铅	Silicic acid, lead salt	11120-22-2	234-363-3	玻璃搪瓷制品	N					
105	掺杂铅的硅酸钡（铅含量超出CLP指令表述的致生殖毒性1A、DSD指令致生殖毒性1类的通用限	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A	68784-75-8	272-271-5	玻璃制品	N					
						N					
106	溴代正丙烷	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	药物、染料、香料、中间体	N					
107	环氧丙烷	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	中间体	N					

108	支链和直链1, 2-苯二羧二戊酯	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	增塑剂	N					
109	邻苯二甲酸二异戊酯 (DIPP)	Diisopentylphthalate	605-50-5	210-088-4	增塑剂	N					
110	邻苯二甲酸正戊基异戊基酯	N-pentyl-isopentylphthalate	776297-69-9	-	增塑剂	N					
111	乙二醇二乙醚	1,2-Diethoxyethane	629-14-1	211-076-1	油漆、油墨、中间体	N					
112	碱式乙酸铅	Acetic acid, lead salt, basic	51404-69-4	257-175-3	油漆、涂层、脱漆剂、稀释剂	N					
113	碱式硫酸铅	Lead oxide sulfate	12036-76-9	234-853-7	塑胶制品	N					
114	二盐基邻苯二甲酸铅	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	塑胶制品	N					
115	双（十八酸基）二氧化三铅	Dioxobis(stearato)trilead	12578-12-0	235-702-8	塑胶制品	N					
116	C16-18脂肪酸铅盐	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	塑胶制品	N					
117	氨基氰铅盐	Lead cyanamidate	20837-86-9	244-073-9	防锈	N					
118	硝酸铅	Lead dinitrate	10099-74-8	233-245-9	染料、皮革、颜料	N					
119	氧化铅与硫酸铅的复合物	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	塑胶制品、电池	N					
120	颜料黄41	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	油漆、涂层、玻璃陶瓷制品	N					
121	氧化铅与硫化铅的复合物	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	玻璃搪瓷制品	N					
122	四乙基铅	Tetraethyllead	78-00-2	201-075-4	燃油添加剂	N					
123	三碱式硫酸铅	Tetralead trioxide sulphate	12202-17-4	235-380-9	颜料、塑胶制品、电池	N					
124	磷酸氧化铅	Trilead dioxide phosphonate	12141-20-7	235-252-2	塑料的稳定剂	N					
125	呋喃	Furan	110-00-9	203-727-3	溶剂、有机合成	N					
126	硫酸二乙酯	Diethyl sulphate	64-67-5	200-589-6	生产染料、聚合物	N					
127	硫酸二甲酯	Dimethyl sulphate	77-78-1	201-058-1	生产染料、聚合物	N					
128	3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	橡胶制品	N					
129	地乐酚	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	塑胶制品	N					
130	4,4'-二氨基-3,3'-二甲基二苯甲烷	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	绝缘材料、聚氨酯粘合剂、环氧树脂固化剂	N					
131	4,4'-二氨基二苯醚	4,4'-oxydianiline and its salts	101-80-4	202-977-0	染料中间体、树脂合成	N					
132	对氨基偶氮苯	4-Aminoazobenzene	60-09-3	200-453-6	染料中间体	N					
133	2,4-二氨基甲苯	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	染料、医药中间体及其他有机合成	N					
134	2-甲氧基-5-甲基苯胺	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	中间体、染料合成	N					
135	4-氨基联苯	Biphenyl-4-ylamine	92-67-1	202-177-1	染料和农药中间体	N					
136	邻氨基偶氮甲苯	o-aminoazotoluene	97-56-3	202-591-2	染料中间体	N					
137	邻甲基苯胺	o-Toluidine	95-53-4	202-429-0	染料中间体	N					
138	N-甲基乙酰胺	N-methylacetamide	79-16-3	201-182-6	中间体	N					
第9批 6项物质 Part 9.6 substances											
139	镉	Cadmium	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	N					
140	氧化镉	Cadmium oxide	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	N					
141	十五代氟辛酸铵盐	Ammonium pentadecafluorooctanoate (APFO)	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	N					
142	全氟辛酸	Pentadecafluorooctanoic acid (PFOA)	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	N					
143	邻苯二甲酸二正戊酯	Dipentyl phthalate(DPP)	205-017-9	131-18-0	PVC中的塑化剂	N					

144	乙氧基化的支鏈和直鏈的4-壬基酚（直鏈和/或支鏈的具有9個碳原子的烷基鏈共價鍵合在4位的乙氧基酚，囊括了UVCB和定義明確的物質，聚合物及同系物，其中包括任何單獨的異構體和/或它們的組合）	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]	-	-	采矿；洗涤剂；油漆、涂料和清漆；皮革和纺织品加工	N					
第10批 7项物质 Part 10 7 substances											
145	硫化鋇	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	N					
146	鄰苯二甲酸二己酯	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	用于树脂合成,用作初化剂	N					
147	C.I. 直接紅 28	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	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。	N					
148	C.I. 直接黑 38	Dihexyl phthalate	84-75-3	201-559-5	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。	N					
149	亞乙基硫脲	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	N					
150	醋酸鉛 Lead di(acetate)	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	N					
151	磷酸三(二甲苯)酯	Trixylyl phosphate	25155-23-1	246-677-8	增塑剂	N					
第11批 4项物质（2014年6月16日正式公布） Part 11 4 substances											
152	邻苯二甲酸二(支链与直链)己酯	1,2-Benzenedicarboxylic acid,dihexylester,branched and linear	68515-50-4	271-093-5	增塑剂，密封剂或胶黏剂，机油稳定剂	N					
153	过硼酸钠，水合物；过硼酸钠盐	Sodium perborate;perboric acid,sodium salt	-	239-172-9; 234-390-0	漂白剂，清洗剂	N					
154	过硼酸钠，无水	Sodium peroxometaborate	7632-4-4	231-556-4	漂白剂，清洗剂	N					
155	氯化镉	Cadmium chloride	10108-64-2	233-296-7	塑料稳定剂，光伏模组，合成其他镉化合物	N					
第12批 6项物质（2014年12月17日正式公布） Part 12 6 substances											
156	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和收敛剂。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。	N					
157	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、NH4ClO4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	N					
158	2-(2'-羟基-3',5'-二叔戊基苯基)苯并三唑（UV-328）	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	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	N					
159	二正辛基-双(巯乙酸2-乙基己酯)（DOTE）和三（2-乙基己基巯基乙酸）辛锡（MOTE）反应物料	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)	-	-	聚氯乙烯稳定剂，具有优良的热稳定性和加工适应性。初期着色性小，制品的透明性高，印刷性好。适用于硬质和软质制品，如板材、管材、薄膜与各种包装容器等	N					
160	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 (DOTE)	15571-58-1	239-622-4	聚氯乙烯稳定剂，具有优良的热稳定性和加工适应性。初期着色性小，制品的透明性高，印刷性好。适用于硬质和软质制品，如板材、管材、薄膜与各种包装容器等	N					
161	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑（UV-320）	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	UV320为高效光稳定剂，广泛应用于塑料和其它有机物中，其中包括不饱和聚脂，PVC，PVC增塑胶等，在聚氨基甲酸酯，聚酰胺，合成纤维成尤其是那些有聚脂，环氧的树脂的应用中	N					
第13批 2项物质（2015年6月15日正式公布） Part 13 2 substances											
162	1,2-苯二羧酸,二-碳6-10-烷基酯；（葵基，己基，辛基）酯与1,2-苯二甲酸的复合物，其邻苯二甲酸二己酯含量≥0.3%（（EC No. 201-559-5）	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 (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	增塑剂，应用于涂料、胶黏剂和润滑油中。	N					

163	5-仲丁基-2-(2,4-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷[1], 5-二叔丁基-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]（卡拉花醛及其异构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 stereoisomers of [1] and [2] or any combination thereof]	-	-	香料原料，应用于香水，肥皂、洗衣粉等日化产品；织物留香能力，被广泛用于香波和织物柔顺剂中。	N					
第14批 5项物质（2015年12月17日正式公布） Part 14 5 substances											
164	硝基苯	Nitrobenzene	98-95-3	202-716-0	生产其他物质的中间体	N					
165	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚 (UV-327)	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	用作涂层、塑料、橡胶以及化妆品的防紫外线剂	N					
166	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑 (UV-350)	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	用作涂层、塑料、橡胶以及化妆品的防紫外线剂	N					
167	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	N					
168	全氟壬酸及其钠和铵盐	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	含氟聚合物加工助剂、润滑油添加剂、灭火器表面活性剂、清洗剂、纺织品防污整理剂、抛光表面活性剂、防水和液晶显示屏中	N					
第15批 1项物质（2016年6月20日正式公布） Part 15 1 substances											
169	苯并芘	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	主要存在于煤焦油、各类碳黑和煤、石油等燃烧产生的烟气、香火烟雾、汽车尾气中，以及焦合、炼油、沥青、塑料等工业污水中。	N					
第16批 4项物质（2017年1月12日正式公布） Part 16 4 substances											
170	4,4'-异亚丙基双酚A（BPA）	4,4'-isopropylidenediphenol Bisphenol A; BPA	80-05-7	201-245-8	用于生产聚碳酸酯、环氧树脂和化学品；环氧树脂固化剂	N					
171	全氟癸酸（PFDA）及其钠盐和铵盐	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid Decanoic acid, nonadecafluoro-sodium salt	335-76-2 3830-45-3 3108-42-7	206-400-3 - 221-470-5	润滑剂、润湿剂、增塑剂和缓蚀剂	N					
172	对-（1,1-二甲基丙基）酚（对叔戊基苯酚）（PTAP）	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	生产化学品和塑料产品	N					
173	支链与直链的 4-庚基苯酚（4-HPb1）	4-heptylphenol, branched and linear	-	-	生产聚合物；润滑剂配方	N					
第17批 1项物质（2017年7月7日正式公布） Part 17 1 substances											
174	全氟己基磺酸及其盐类（PFHxS）	Perfluorohexane-1-sulphonic acid and its salts PFHxS	-	-	防污、防水及开粘处理，常用二消防泡沫组件；表面活性剂；含氟聚合物的制造；地毯，纸张和纺织品的水和污渍保护涂局等	N					