

類別 (註1) Glass		物質 Substance	管制限值 Threshold Level (ppm)	管控範圍 (包含產品與製程) Controlled Applications
禁 用 物 質 Forbidden substance	RoHS2.0	1 鉛及其化合物 (Pb) Lead and compounds	100	一般材質(General materials)
			300	焊料(Solder)
			40	塑膠(含橡膠)、塗料Plastics (including rubber), paints, inks
			300	無解電鍍鎳或金(Electroless Ni or Au plating)
		2 鎘及其化合物 (Cd) Cadmium and compounds	5	一般材質(General materials)
			20	焊錫(Solder)
		3 汞及其化合物 (Hg) Mercury and compounds	N.D	所有用途(All purposes)
	4 六價鉻 及其化合物 (Cr ⁶⁺) Hexavalent chromium compounds	N.D	所有用途(All purposes)	
	5 多溴聯苯 (PBBs) -包含十溴聯苯 Polybrominated Biphenyls	N.D	所有用途(All purposes)	
	6 多溴聯苯醚 (PBDEs) Polybrominated Biphenyls	N.D	所有用途(All purposes)	
	7 包裝材料(Pb +Cd+Hg +Cr ⁶⁺)	100	所有包裝材料(All packaging)	
	鹵 素	8 溴及其化合物(Br) Bromine and its compounds	900	所有用途(All purposes)
		9 氯及其化合物(Cl) Chlorine and its compounds	900	所有用途(All purposes)
		10 總溴+總氯	1500	所有用途(All purposes)
	有 機 氯 化 合 物	11 多氯聯苯(PCBs) Polychlorinated Biphenyls	Not Present	所有用途(All purposes)
		12 多氯聯三苯(PCTs) Polychlorinated Terphenyls	Not Present	所有用途(All purposes)
		13 多氯化萘 (PCN) Polychlorinated Naphthalenes	Not Present	所有用途(All purposes)
14 氯化烷烴 (CP) Chlorinated Paraffins		Not Present	塗料、塗層、密封劑、橡膠和油類 Paints, coatings, sealants, rubbers, oils	
15 短鏈型氯代烷烴(SCCP)(C10-C13) Short Chain Chlorinated Paraffins		Not Present	產品外殼(含配件)、印刷電路板 The external cases and PCB of products(including accessories)	
16 中鏈型氯代烷烴(MCCPs)(C14~17) Medium-Chained Chlorinated Paraffins	Not Present	塗料、塗層、密封劑、橡膠和油類 Paints, coatings, sealants, rubbers, oils		
17 鈹及其化合物(Be) Beryllium and its compounds	1000	所有用途(All purposes)		

藥用物質
Forbidden substance

Class 1

金屬類

特定鄰苯二甲酸鹽

18	有機錫化合物含 三丁機錫化合物 (TBT) Tributy Tin compounds 三苯機錫化合物 (TPT) Triphenyl Tin Compounds 三丁基錫氧化物 (TBTO) Tributyl tin oxide	Not Present	所有用途(All purposes)
19	二丁基錫(DBT) Dibutyltin compounds	Not Present	所有用途(All purposes)
20	二辛基錫(DOT) Diocyltin compounds	Not Present	所有用途(All purposes)
21	氧化鈹 Beryllium Oxide	Not Present	所有用途(All purposes)
22	鎳及其化合物 (Ni) Nickel and compounds	100 0.5µg/cm2/week	含有機鎳化合物之各式用途 All purposes which contained with organic-nickel compounds 產品外露部份之最外層表面處理 The outermost surface of the exposed portion of the processing
23	鄰苯二甲酸(2-乙基己基脂)DEHP 鄰苯二甲酸二丁酯(DBP) 鄰苯二甲酸丁苯酯(BBP) 鄰苯二甲酸二異丁酯(DIBP) 鄰苯二甲酸二異壬酯(DINP) 鄰苯二甲酸二異癸酯(DIDP) 鄰苯二甲酸二正辛酯(DNOP) 鄰苯二甲酸二己酯(DNHP) 鄰苯二甲酸(C6-8支鏈)烷基酯,富 C7(DIHP) 鄰苯二甲酸(C7-11支鏈與直鏈)烷基 (DHNUP) 鄰苯二甲酸二甲氧乙酯(DMEP)	N.D	所有用途(All purposes) 所有無鹵產品與零組件 (All Halogen-free products and parts)
24	銻及其化合物(Sb) Antimony and its compounds	580	所有用途(All purposes) 無鹵素產品(Halogen-free products)
25	三氧化二砷;五氧化二砷 Diarsenic trioxide ;Diarsenic pentaoxide	100	所有用途(All purposes)
26	氫氟碳化合物(HFC);全氟化碳(PFC) Hydrofluorocarbon;PFC Carbon	Not Present	所有用途(All purposes)
27	臭氧層危害物質(ODS):氟氯碳化物 (CFCs)、含氯氟烴(HCFCs)、含溴氟 烴(HBFCs)、四氯化碳	Not Present	所有用途(All purposes) 禁止使用於製程中(Prohibited in the manufacturing process)
28	全氟辛烷磺酸鹽 (PFOS) Perfluorooctane sulfonate	N.D	所有用途(All purposes)

29	全氟辛烷酸及其鹽類與酯類(PFOA) Perfluorooctyl acid and individual salts and esters of PFOA	N.D	所有用途(All purposes)
30	硼酸 Boric acid	100	所有用途(All purposes)
31	富馬酸二甲酯 (DMF) Dimethyl fumarate	Not Present	所有用途(All purposes)
32	甲醛 Formaldehyde	0.1	所有用途(All purposes)
33	特定偶氮化合物 Specific azo compound	Not Present	與人體持續接觸的產品 The substances which are used in parts or articles that may come into direct and prolonged contact with the human skin
34	石棉及其他化合物 Asbestos and its compounds	Not Present	所有用途(All purposes)
35	聚氯乙烯(PVC) PVC and PVC mixture	N.D	所有用途(All purposes)
36	三(2-氯乙基)磷酸酯 (TCEP) Tris(2-chloroethyl)phosphate	100	所有用途(All purposes)
37	六溴環十二烷 (HBCDD) Hexabromocyclododecane	N.D	所有用途(All purposes)
38	四溴雙酚A(TBBP-A);四溴雙酚 A 双(二溴丙基)醚(TBBP-A-bis)	N.D	所有用途(All purposes)
39	2-(2'-羟基_3',5'-二叔丁基苯基)-苯并三唑 2-(3'5'-Di-tert-butyl-2'-hydroxyphenyl)benzotriazole	Not Present	所有用途(All purposes)
40	4-(1,1,3,3-四甲基丁基)苯酚 4-(1,1,3,3-tetramethylbutyl)phenol	100	所有用途(All purposes)
41	双(2-甲氧基乙基)醚 Bis(2-methoxyethyl) ether	100	所有用途(All purposes)
42	含氯碳氫化合物:六氯乙烷 Hexachloroethane	Not Present	使用於材料或產品中,作為阻燃劑 As flame retardants using in
43	戴奧辛(Dioxins) 溴/氯系戴奧辛及呋喃 (PBDDs/PBDFs) 多氯聯苯戴奧辛(PCDDs) Polychlorinated dibenzodioxins 多氯聯苯呋喃 (PCDFs)	Not Present	所有用途(All purposes)
44	鹵化芳香族物質 Halogenated aromatic substances	Not Present	禁止使用在電容器及變壓器的材料中 Prohibited from use in capacitors and transformers in materials of the component
45	鹵化二苯基甲烷 Halogenated diphenyl methanes	Not Present	所有用途(All purposes)

禁 用 物 質 Forbidden substance	Class 1	46	六氯環己烷 (HCH) Hexachlorocyclohexane isomers	Not Present	所有產品與零組件(All products and parts)	
		47	壬基酚與壬基酚聚氧乙烯醚 (NP/NPEs) Nonylphenol/ethoxylates and	Not Present	所有產品與零組件(All products and parts)	
		48	五氯酚 (PCP) Pentachlorophenol	Not Present	所有用途(All purposes)	
		49	多環芳香族化合物(PAHs) Polycyclic aromatic compounds	N.D	所有用途(All purposes)	
		50	放射性物質[鈾、鈾、氡、錒、釷、釷、銻、銻及其他放射性物質] Radioactive substances (U, Pu, Rn, Am, Th, Cs, Sr and other radioactive substances)	Not Present	所有用途(All purposes)	
		51	黃磷(Yellow Phosphorus)、 紅磷(Red Phosphorus)、 白磷(White Phosphorus)	Not Present	所有用途(All purposes)	
		52	二氯化鈷(CoCl ₂) Cobalt dichloride	Not Present	用於乾燥劑中的濕度指示劑 Moisture indicator used for a desiccant agent	
		53	N,N-二甲基乙醯胺(DMAC) N,N-dimethylacetamide	100	所有用途(All purposes)	
監 控 物 質 Monitored substance	Class 3	金屬類	54	砷及其化合物(As) Arsenic and its compounds	1000	所有用途(All purposes)
			55	磷及磷化合物(P) Phosphorus and its compounds	1000	所有用途(All purposes) 無鹵素額外限制
			56	鉍及其化合物 Bismuth and its compounds	1000	所有用途(All purposes)
			57	鈹青銅 Beryllium copper	Negative	所有用途(All purposes)
			58	鎂及其化合物 Magnesium and its compound	1000	所有用途(All purposes)
			59	硒以及硒化合物(Se) Selenium and its compounds	1000	所有用途(All purposes)
			60	其他有機氯化物 other chlorinated organic compounds	500	所有用途(All purposes)
			61	其他有機溴化合物 other Brominated organic compounds	500	所有用途(All purposes)

備註: Class1:該物質及其用途立即禁止使用
(Class1:The material and its applications must be stopped at once.)
Class3:目前未規定日期,但今後考慮上升至2級,須把握物質及其用途的相關使用狀況。
(Class3: Currently, it is not required dates for level 3, but it will be considered rising to level 2.
It shall know the substances and purposes related to usage.)