

REACH SVHC Declaration

STATS ChipPAC declares that to the best of its knowledge, materials referred to in this Declaration and used in HUADA SEMICONDUCTOR Co., LTD Devices manufactured in STATSChipPAC Jiangyin, do not intentionally contain Substances of Very High Concern (SVHC) Candidate List. This is reference to the requirements of Regulation (EC) No. 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

This REACH Declaration is given by STATS ChipPAC with respect to the substances identified as SVHC Candidate List only by European Chemical Agency (ECHA) used in the customer's products as follows:

S/N	SVHC Candidate List	CAS #		Concentration (% w/w)
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) 1. Phenol, 4-dodecyl, branched 2. 4-isododecylphenol 3. Phenol, 4-isododecyl 4. Phenol, dodecyl-, branched 5. Phenol, (tetrapropenyl) derivatives 6. Phenol, tetrapropylene	210555-94-5 27459-10-5 27147-75-7 121158-58-5 74499-35-7 57427-55-1	25	Not Intentionally Present
218	Orthoboric acid, sodium salt 1. Boric acid (H3BO3), sodium salt, hydrate 2. Boric acid (H3BO3), disodium salt 3. Trisodium orthoborate 4. Boric acid, sodium salt 5. Orthoboric acid, sodium salt 6. Boric acid (H3BO3), sodium salt (1:1)	25747-83-5 22454-04-2 14312-40-4 1333-73-9 13840-56-7 14890-53-0	25	Not Intentionally Present
217	Medium-chain chlorinated paraffins (MCCP) 1. Alkanes, C14-16, chloro 2. Alkanes, C14-17, chloro 3. Di-, tri- and tetrachlorotetradecane 4. Tetradecane, chloro derivs.	1372804-76-6 85535-85-9 NA 198840-65-2	25	Not Intentionally Present
216	Glutaral	111-30-8	25	Not Intentionally Present
215	4,4'-(1-methylpropylidene)bisphenol	77-40-7	25	Not Intentionally Present
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers 1. (2R)-3-(4-tert-butylphenyl)-2-methylpropanal 2. 2-(4-tert-butylbenzyl)propionaldehyde 3. (2S)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-31-3 80-54-6 75166-30-2	25	Not Intentionally Present
213	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA) 1. 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2. 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA) 3. 2,2-bis(bromomethyl)propane-1,3-diol (BMP) 4. 2,3-dibromo-1-propanol (2,3-DBPA)	1522-92-5 36483-57-5 3296-90-0 96-13-9	25	Not Intentionally Present
212	1,4-dioxane	123-91-1	25	Not Intentionally Present
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety - Stannane, dioctyl-, bis(coco acyloxy) derivs - Dioctyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs	91648-39-4 NA	24	Not Intentionally Present

	- Dioctyltin dilaurate	3648-18-8		
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	24	Not Intentionally Present
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	23	Not Intentionally Present
208	Butyl 4-hydroxybenzoate	94-26-8	23	Not Intentionally Present
207	2-methylimidazole	693-98-1	23	Not Intentionally Present
206	1-vinylimidazole	1072-63-5	23	Not Intentionally Present
205	Perfluorobutane sulfonic acid (PFBS) and its salts 1. Bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate 2. Tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate 3. Dimethyl(phenyl)sulfanium perfluorobutanesulfonate 4. 1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate 5. Triphenylsulfanium perfluorobutane sulfonate 6. 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid 7. lithium perfluorobutanesulfonate 8. morpholinium perfluorobutanesulfonate 9. N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate 10. Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate 11. Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate 12. magnesium perfluorobutanesulfonate	NA 220689-12-3 220133-51-7 NA 144317-44-2 375-73-5 131651-65-5 503155-89-3 25628-08-4 29420-49-3 68259-10-9 507453-86-3	22	Not Intentionally Present
204	Diisohexyl phthalate	71850-09-4	22	Not Intentionally Present
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	22	Not Intentionally Present
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	22	<1000ppm in Solder mask AUS 308 for substrate as photo initiator
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) 1. Phenol, 4-nonyl-, phosphite (3:1) 2. tris(4-nonylphenyl, branched) phosphite 3. tris(nonylphenyl) phosphite 4. Phenol, p-isononyl-, phosphite (3:1) 5. Phenol, p-sec-nonyl-, phosphite	3050-88-2 NA 26523-78-4 31631-13-7 106599-06-8	21	Not Intentionally Present
200	4-tert-butylphenol	98-54-4	21	Not Intentionally Present
199	2-methoxyethyl acetate	110-49-6	21	Not Intentionally Present
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides 1. Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate 2. 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride 3. ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate 4. 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid 5. Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-) 6. Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)	67118-55-2 2062-98-8 62037-80-3 13252-13-6 75579-40-7 75579-39-4	21	Not Intentionally Present
197	Pyrene	129-00-0	20	Not Intentionally Present
196	Phenanthrene	85-01-8	20	Not Intentionally Present
195	Fluoranthene	206-44-0	20	Not Intentionally Present
194	Benzo[k]fluoranthene	207-08-9	20	Not Intentionally Present
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	20	Not Intentionally Present
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	15087-24-8	20	Not Intentionally Present

191	Terphenyl, hydrogenated	61788-32-7	19	Not Intentionally Present
190	Octamethylcyclotetrasiloxane	556-67-2	19	Not Intentionally Present
189	Lead	7439-92-1	19	Not Intentionally Present
188	Ethylenediamine	107-15-3	19	<30ppm in MGC Core CCL-HL832NXA for substrate as impurity
187	Dodecamethylcyclohexasiloxane	540-97-6	19	Not Intentionally Present
186	Disodium octaborate	12008-41-2	19	Not Intentionally Present
185	Dicyclohexyl phthalate	84-61-7	19	Not Intentionally Present
184	Decamethylcyclopentasiloxane	541-02-6	19	Not Intentionally Present
183	Benzo[ghi]perylene	191-24-2	19	Not Intentionally Present
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	19	Not Intentionally Present
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl) 1. Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine 2. Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	93925-00-9 1471311-26-8	18	Not Intentionally Present
180	Chrysene	218-01-9	18	Not Intentionally Present
179	Cadmium nitrate	10325-94-7	18	Not Intentionally Present
178	Cadmium hydroxide	21041-95-2	18	Not Intentionally Present
177	Cadmium carbonate	513-78-0	18	Not Intentionally Present
176	Benz[a]anthracene	56-55-3	18	Not Intentionally Present
175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (iDechlorane Plus?) covering any of its individual anti- and syn-isomers or any combination thereof 1. 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo [12.2.1.16,9.02,13.05,10] octadeca-7,15-diene 2. (1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10] octadeca-7,15-diene 3. (1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10] octadeca-7,15-diene 4. rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene 5. rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene 6. rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	13560-89-9 13560-89-9 135821-74-8 135821-03-3 NA NA	18	Not Intentionally Present
174	Perfluorohexane-1-sulphonic acid and its salts 1. tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) 2. ammonium perfluorohexane-1-sulphonate 3. potassium perfluorohexane-1-sulphonate 4. perfluorohexane-1-sulphonic acid 5. Ethanaminium, N-[4-[[4-(diethylamino)phenyl]][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-hexanesulfonate	70225-16-0 68259-08-5 3871-99-6 355-46-4 1310480-24-0	17	Not Intentionally Present

(1:1)			
6. Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-27-3		
7. Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-28-4		
8. Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-45-0		
9. Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-69-8		
10. Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	421555-73-9		
11. Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	421555-73-9		
12. Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	421555-74-0		
13. Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	425670-70-8		
14. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0		
15. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1		
16. Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9Cl)	866621-50-3		
17. Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	910606-39-2		
18. Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	911027-68-4		
19. Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5		
20. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	92011-17-1		
21. Dibenzok[n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7		
22. Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9		
23. Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1462414-59-0		
24. Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7		

	25. Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	189274-31-5		
	26. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1)	202189-84-2		
	27. Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	213740-81-9		
	28. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)	341035-71-0		
	29. Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	341548-85-4		
	30. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	350836-93-0		
	31. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	41184-65-0		
	32. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	41242-12-0		
	33. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	1187817-57-7		
	34. Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	108427-55-0		
	35. 1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid	108427-54-9		
	36. Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3		
	37. 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5		
173	p-(1,1-dimethylpropyl)phenol	80-46-6	16	Not Intentionally Present
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts		16	Not Intentionally Present
	1. Nonadecafluorodecanoic acid	335-76-2		
	2. sodium nonadecafluorodecanoate	3830-45-3		
	3. Decanoic acid, nonadecafluoro-, sodium salt	3830-45-3		
	4. Ammonium nonadecafluorodecanoate	3108-42-7		
171	4-heptylphenol, branched and linear		16	Not Intentionally Present
	1. 4-heptylphenol	1987-50-4		
	2. Phenol, heptyl derivs.	72624-02-3		
	3. Phenol, 4-(1,1-diethylpropyl)	37872-24-5		
	4. Phenol, 4-(1,1-dimethylpentyl)	30784-31-7		
	5. Phenol, 4-(1,2,2-trimethylbutyl)	911371-06-7		
	6. Phenol, 4-(1,2-dimethylpentyl)	854904-93-1		
	7. Phenol, 4-(1,3,3-trimethylbutyl)	911371-07-8		
	8. Phenol, 4-(1,3-dimethylpentyl)	71945-81-8		
	9. Phenol, 4-(1,4-dimethylpentyl)	857629-71-1		
	10. Phenol, 4-(1-ethyl-2,2-dimethylpropyl)	861010-65-3		
	11. Phenol, 4-(1-ethyl-1,2-dimethylpropyl)	30784-27-1		
	12. Phenol, 4-(1-ethylpentyl)	6465-74-3		
	13. Phenol, 4-(1-methylhexyl)	6863-24-7		
	14. Phenol, 4-(1-propylbutyl)	6465-71-0		
	15. Phenol, 4-(3-ethylpentyl)	911370-98-4		
	16. Phenol, 4-(3-methylhexyl)	102570-52-5		
	17. Phenol, 4-(4-methylhexyl)	1139800-98-8		
	18. Phenol, 4-(5-methylhexyl)	100532-36-3		
	19. Phenol, 4-[2-methyl-1-(1-methylethyl)propyl]	1824346-00-0		
	20. 4-(2,3-dimethylpentan-2-yl)phenol	861011-60-1		
	21. 4-(3-methylhexan-3-yl)phenol	30784-32-8		
	22. Phenol, 4-tert-heptyl	288864-02-8		

	23. Phenol, 4-(1,1,3-trimethylbutyl) 24. Phenol, 4-(1,1,2,2-tetramethylpropyl) 25. Phenol, 4-(1-ethyl-3-methylbutyl)	33104-11-9 72861-06-4 854904-92-0		
170	4,4'-isopropylidenediphenol	80-05-7	16	<1000ppm in MGC Core CCL-HL832NXA for substrate as impurity
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	15	Not Intentionally Present
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts 1. Perfluorononan-1-oic-acid 2. Sodium salts of perfluorononan-1-oic-acid 3. Ammonium salts of perfluorononan-1-oic-acid	375-95-1 21049-39-8 4149-60-4	14	Not Intentionally Present
167	Nitrobenzene	98-95-3	14	Not Intentionally Present
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	14	Not Intentionally Present
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	14	Not Intentionally Present
164	1,3-propanesultone	1120-71-4	14	Not Intentionally Present
163	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] 1. Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane 2. 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans 3. 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane 4. 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane 5. 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl) 6. 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl) 7. 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis 8. 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel 9. 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans 10. 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel 11. 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis 12. 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans 13. 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis 14. 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans 15. 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis 16. Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane	117933-89-8 676367-06-9 NA NA 186309-28-4 117933-89-8 676367-05-8 343934-04-3 676367-09-2 343934-05-4 676367-04-7 676367-08-1 676367-03-6 676367-07-0 676367-02-5 NA	13	Not Intentionally Present
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed		13	Not Intentionally Present

	decyl and hexyl and octyl diesters 1. 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters 2. 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68648-93-1 68515-51-5		
161	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)	-	12	Not Intentionally Present
160	Cadmium sulphate	10124-36-4 31119-53-6	12	Not Intentionally Present
159	Cadmium fluoride	7790-79-6	12	Not Intentionally Present
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	12	Not Intentionally Present
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	12	Not Intentionally Present
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	12	Not Intentionally Present
155	Sodium peroxometaborate	7632-04-4	11	Not Intentionally Present
154	Sodium perborate, perboric acid, sodium salt 1. Perboric acid (H3BO2(O2)), monosodium salt, trihydrate 2. Borate(2-), tetrahydroxybis[O^- -(peroxy- $\text{KO}1:\text{KO}2$)]di-, sodium (1:2) 3. Sodium perborate 4. Perboric acid, sodium salt 5. Borate(2-), tetrahydroxybis[O^- -(peroxy- $\text{KO}1:\text{KO}2$)]di-, sodium, hydrate (1:2:6)	13517-20-9 90568-23-3 15120-21-5 11138-47-9 125022-34-6	11	Not Intentionally Present
153	Cadmium chloride	10108-64-2	11	Not Intentionally Present
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	11	Not Intentionally Present
151	Trixylyl phosphate	25155-23-1	10	Not Intentionally Present
150	Lead di(acetate)	301-04-2	10	Not Intentionally Present
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	10	Not Intentionally Present
148	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	10	Not Intentionally Present
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	10	Not Intentionally Present
146	Dihexyl phthalate	84-75-3	10	Not Intentionally Present
145	Cadmium sulphide	1306-23-6	10	Not Intentionally Present
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	9	Not Intentionally Present
143	Dipentyl phthalate (DPP)	131-18-0	9	Not Intentionally Present
142	Cadmium oxide	1306-19-0	9	Not Intentionally Present
141	Cadmium	7440-43-9	9	Not Intentionally Present
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	9	Not Intentionally Present
139	4-Nonylphenol, branched and linear, ethoxylated 1. Nonylphenol, ethoxylated 2. 4-Nonylphenol, ethoxylated 3. 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol 4. 2-[2-(4-nonylphenoxy)ethoxy]ethanol 5. 20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol 6. 26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaohexacosan-1-ol 7. Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-, branched 8. Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-, branched 9. Nonylphenol, ethoxylated (15-EO) (9016-45-9) 10. Nonylphenol, ethoxylated (10-EO) (9016-45-9) 11. Nonylphenol, ethoxylated (8-EO) (9016-45-9) 12. Nonylphenol, ethoxylated (6,5-EO) (9016-45-9)	9016-45-9 26027-38-3 7311-27-5 20427-84-3 27942-27-4 14409-72-4 68412-54-4 68412-54-4 NA NA NA NA	9	

	13. Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated	68412-54-4		
	14. 2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	1119449-37-4		
	15. 14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol	26264-02-8		
	16. Nonylphenol, ethoxylated (polymer)	NA		
	17. Nonylphenol, ethoxylated (EO = 4)	NA		
	18. Nonylphenol, ethoxylated (EO = 10)	NA		
	19. Nonylphenolpolyglycoether	NA		
	20. 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	26571-11-9		
	21. Ethanol, 2-(4-nonylphenoxy)	104-35-8		
	22. 4-Nonylphenol, branched, ethoxylated	127087-87-0		
	23. 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)	20636-48-0		
	24. 4-t-Nonylphenol-diethoxylate	156609-10-8		
	25. Isononylphenol, ethoxylated	37205-87-1		
	26. p-Nonylphenol hexaethoxylate	34166-38-6		
	27. Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy	9016-45-9		
	28. 4-Nonylphenol, branched, ethoxylated 1 - 2.5 moles ethoxylated	127087-87-0		
	29. 23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaoxatricosan-1-ol	27177-05-5		
	30. 2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol	1119449-38-5		
138	Trilead dioxide phosphonate	12141-20-7	8	Not Intentionally Present
137	Trilead bis(carbonate) dihydroxide	1319-46-6	8	Not Intentionally Present
136	Tricosafuorododecanoic acid	307-55-1	8	Not Intentionally Present
135	Tetralead trioxide sulphate	12202-17-4	8	Not Intentionally Present
134	Tetraethyllead	78-00-2	8	Not Intentionally Present
133	Sulfurous acid, lead salt, dibasic	62229-08-7	8	Not Intentionally Present
132	Silicic acid, lead salt	11120-22-2	8	Not Intentionally Present
131	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8	8	Not Intentionally Present
130	Pyrochlore, antimony lead yellow	8012-00-8	8	Not Intentionally Present
129	Pentalead tetraoxide sulphate	12065-90-6	8	Not Intentionally Present
128	Pentacosafuorotridecanoic acid	72629-94-8	8	Not Intentionally Present
127	Orange lead (lead tetroxide)	1314-41-6	8	Not Intentionally Present
126	o-toluidine	95-53-4	8	Not Intentionally Present
125	o-aminoazotoluene	97-56-3	8	Not Intentionally Present
124	n-pentyl-isopentylphthalate	776297-69-9	8	Not Intentionally Present
123	N-methylacetamide	79-16-3	8	Not Intentionally Present
122	N,N-dimethylformamide	68-12-2	8	Not Intentionally Present
121	Methyloxirane (Propylene oxide)	75-56-9	8	Not Intentionally Present
120	Methoxyacetic acid	625-45-6	8	Not Intentionally Present
119	Lead titanium zirconium oxide	12626-81-2	8	Not Intentionally Present
118	Lead titanium trioxide	12060-00-3	8	Not Intentionally Present
117	Lead oxide sulfate	12036-76-9	8	Not Intentionally Present
116	Lead monoxide (lead oxide)	1317-36-8	8	Not Intentionally Present
115	Lead dinitrate	10099-74-8	8	Not Intentionally Present
114	Lead cyanamidate	20837-86-9	8	Not Intentionally Present
113	Lead bis(tetrafluoroborate)	13814-96-5	8	Not Intentionally Present
112	Hexahydromethylphthalic anhydride 1. Hexahydromethylphthalic anhydride 2. Hexahydro-3-methylphthalic anhydride 3. Hexahydro-1-methylphthalic anhydride 4. Hexahydro-4-methylphthalic anhydride	25550-51-0 57110-29-9 48122-14-1 19438-60-9	8	Hexahydro-4-methylphthalic anhydride: 1~5% in Henkel Epoxy 3230 as per supplier's declaration (under 50ppm in package level based on calculation)
111	Heptacosafuorotetradecanoic acid	376-06-7	8	Not Intentionally Present
110	Henicosafuoroundecanoic acid	2058-94-8	8	Not Intentionally Present
109	Furan	110-00-9	8	Not Intentionally Present
108	Fatty acids, C16-18, lead salts	91031-62-8	8	Not Intentionally Present
107	Dioxobis(stearato)trilead	12578-12-0	8	Not Intentionally Present

106	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	8	Not Intentionally Present
105	Dimethyl sulphate	77-78-1	8	Not Intentionally Present
104	Diisopentyl phthalate	605-50-5	8	Not Intentionally Present
103	Diethyl sulphate	64-67-5	8	Not Intentionally Present
102	Dibutyltin dichloride (DBTC)	683-18-1	8	Not Intentionally Present
101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3	8	Not Intentionally Present
100	Cyclohexane-1,2-dicarboxylic anhydride 1. cis-cyclohexane-1,2-dicarboxylic anhydride 2. trans-cyclohexane-1,2-dicarboxylic anhydride 3. Cyclohexane-1,2-dicarboxylic anhydride	13149-00-3 14166-21-3 85-42-7	8	Not Intentionally Present
99	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	8	Not Intentionally Present
98	Biphenyl-4-ylamine	92-67-1	8	Not Intentionally Present
97	Acetic acid, lead salt, basic	51404-69-4	8	Not Intentionally Present
96	[Phthalato(2-)]dioxotrilead	69011-06-9	8	Not Intentionally Present
95	6-methoxy-m-toluidine (p-cresidine)	120-71-8	8	Not Intentionally Present
94	4-Nonylphenol, branched and linear 1. p-(1-methyloctyl)phenol 2. p-nonylphenol 3. 4-(1-Ethyl-1,4-dimethylpentyl)phenol 4. 4-(1-Ethyl-1,3-dimethylpentyl)phenol 5. p-(1,1-dimethylheptyl)phenol 6. 4-(1-ethyl-1-methylhexyl)phenol 7. p-isononylphenol 8. Phenol, 4-nonyl-, branched 9. 4-(1,1,5-Trimethylhexyl)phenol 10. Isononylphenol 11. Phenol, nonyl-, branched 12. 4-(3-ethylheptan-2-yl)phenol 13. Nonylphenol	17404-66-9 104-40-5 142731-63-3 186825-36-5 30784-30-6 52427-13-1 26543-97-5 84852-15-3 521947-27-3 11066-49-2 90481-04-2 186825-39-8 25154-52-3	8	Not Intentionally Present
93	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	8	Not Intentionally Present
92	4-aminoazobenzene	60-09-3	8	Not Intentionally Present
91	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated 1. Polyethylene glycol mono(tert-octylph-enyl) ether 2. 2-[[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethanol 3. 20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol 4. 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol, 5. 2-{2-[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethoxy}ethanol	9036-19-5 9002-93-1 2497-59-8 2315-67-5 2315-61-9	8	Not Intentionally Present
90	4,4'-oxydianiline and its salts: 4,4'-oxydianiline	101-80-4	8	Not Intentionally Present
89	4,4'-methylenedi-o-toluidine	838-88-0	8	Not Intentionally Present
88	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	8	Not Intentionally Present
87	1-bromopropane (n-propyl bromide)	106-94-5	8	Not Intentionally Present
86	1,2-diethoxyethane	629-14-1	8	Not Intentionally Present
85	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	8	Not Intentionally Present
84	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	7	Not Intentionally Present
83	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	7	Not Intentionally Present
82	Lead(II) bis(methanesulfonate)	17570-76-2	7	Not Intentionally Present
81	Formamide	75-12-7	7	Not Intentionally Present
80	Diboron trioxide	1303-86-2	7	Not Intentionally Present
79	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	7	Not Intentionally Present
78	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	7	Not Intentionally Present

77	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	7	Not Intentionally Present
76	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	7	Not Intentionally Present
75	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	59653-74-6	7	Not Intentionally Present
74	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	7	Not Intentionally Present
73	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	7	Not Intentionally Present
72	1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	7	Not Intentionally Present
71	Zirconia Aluminosilicate Refractory Ceramic Fibres: Aluminosilicate refractory ceramic fibres	142844-00-6	6	Not Intentionally Present
70	Trilead diarsenate	3687-31-8	6	Not Intentionally Present
69	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	6	Not Intentionally Present
68	Phenolphthalein	77-09-8	6	Not Intentionally Present
67	Pentazinc chromate octahydroxide	49663-84-5	6	Not Intentionally Present
66	N,N-dimethylacetamide	127-19-5	6	Not Intentionally Present
65	Lead styphnate	15245-44-0	6	Not Intentionally Present
64	Lead dipicrate	6477-64-1	6	Not Intentionally Present
63	Lead diazide, Lead azide	13424-46-9	6	Not Intentionally Present
62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	6	Not Intentionally Present
61	Dichromium tris(chromate)	24613-89-6	6	Not Intentionally Present
60	Calcium arsenate	7778-44-1	6	Not Intentionally Present
59	Bis(2-methoxyethyl) phthalate	117-82-8	6	Not Intentionally Present
58	Bis(2-methoxyethyl) ether	111-96-6	6	Not Intentionally Present
57	Arsenic acid	7778-39-4	6	Not Intentionally Present
56	Aluminosilicate Refractory Ceramic Fibres Refractories, fibers, aluminosilicate	142844-00-6	6	Not Intentionally Present
55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	6	Not Intentionally Present
54	2-Methoxyaniline, o-Anisidine	90-04-0	6	Not Intentionally Present
53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	6	Not Intentionally Present
52	1,2-dichloroethane	107-06-2	6	Not Intentionally Present
51	Strontium chromate	7789-06-2	5	Not Intentionally Present
50	Hydrazine	302-01-2 7803-57-8	5	Not Intentionally Present
49	2-ethoxyethyl acetate	111-15-9	5	Not Intentionally Present
48	1-Methyl-2-pyrrolidone (NMP)	872-50-4	5	Not Intentionally Present
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	5	Not Intentionally Present
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	5	Not Intentionally Present
45	1,2,3-trichloropropane	96-18-4	5	Not Intentionally Present
44	Cobalt(II) sulphate	10124-43-3	4	Not Intentionally Present
43	Cobalt(II) dinitrate	10141-05-6	4	Not Intentionally Present
42	Cobalt(II) diacetate	71-48-7	4	Not Intentionally Present
41	Cobalt(II) carbonate	513-79-1	4	Not Intentionally Present
40	Chromium trioxide	1333-82-0	4	Not Intentionally Present
39	Acids generated from chromium trioxide and their oligomers 1. Oligomers of chromic acid and dichromic acid 2. Chromic acid 3. Dichromic acid	NA 7738-94-5 13530-68-2	4	Not Intentionally Present
38	2-methoxyethanol	109-86-4	4	Not Intentionally Present
37	2-ethoxyethanol	110-80-5	4	Not Intentionally Present
36	Trichloroethylene	79-01-6	3	Not Intentionally Present
35	Tetraboron disodium heptaoxide, hydrate	12267-73-1	3	Not Intentionally Present
34	Sodium chromate	7775-11-3	3	Not Intentionally Present
33	Potassium dichromate	7778-50-9	3	Not Intentionally Present
32	Potassium chromate	7789-00-6	3	Not Intentionally Present
31	Disodium tetraborate, anhydrous	12179-04-3 1303-96-4 1330-43-4	3	Not Intentionally Present

30	Boric acid 1. Boric acid, crude natural 2. Boric acid	11113-50-1 10043-35-3	3	Not Intentionally Present
29	Ammonium dichromate	7789-09-5	3	Not Intentionally Present
28	Acrylamide	79-06-1	2	Not Intentionally Present
27	Tris(2-chloroethyl) phosphate	115-96-8	2	Not Intentionally Present
26	Pitch, coal tar, high-temp.	65996-93-2	2	Not Intentionally Present
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2	Not Intentionally Present
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	2	Not Intentionally Present
23	Lead chromate	7758-97-6	2	Not Intentionally Present
22	Diisobutyl phthalate	84-69-5	2	Not Intentionally Present
21	Anthracene oil, anthracene-low	90640-82-7	2	Not Intentionally Present
20	Anthracene oil, anthracene paste, distn. lights	91995-17-4	2	Not Intentionally Present
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2	Not Intentionally Present
18	Anthracene oil, anthracene paste	90640-81-6	2	Not Intentionally Present
17	Anthracene oil	90640-80-5	2	Not Intentionally Present
16	2,4-dinitrotoluene	121-14-2	2	Not Intentionally Present
15	Triethyl arsenate	15606-95-8	1	Not Intentionally Present
14	Sodium dichromate	10588-01-9, 7789-12-0	1	Not Intentionally Present
13	Lead hydrogen arsenate	7784-40-9	1	Not Intentionally Present
12	Hexabromocyclododecane (HBCDD) 1. Gamma-hexabromocyclododecane 2. Beta-hexabromocyclododecane 3. 1,2,5,6,9,10-hexabromocyclododecane 4. Hexabromocyclododecane 5. Alpha-hexabromocyclododecane	134237-52-8 134237-51-7 3194-55-6 25637-99-4 134237-50-6	1	Not Intentionally Present
11	Dibutyl phthalate (DBP)	84-74-2	1	Not Intentionally Present
10	Diarsenic trioxide	1327-53-3	1	Not Intentionally Present
9	Diarsenic pentaoxide	1303-28-2	1	Not Intentionally Present
8	Cobalt dichloride	7646-79-9	1	Not Intentionally Present
7	Bis(tributyltin) oxide (TBTO)	56-35-9	1	Not Intentionally Present
6	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	1	Not Intentionally Present
5	Benzyl butyl phthalate (BBP)	85-68-7	1	Not Intentionally Present
4	Anthracene	120-12-7	1	Not Intentionally Present
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	1	Not Intentionally Present
2	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	1	Not Intentionally Present
1	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	1	Not Intentionally Present



This Declaration is given by STATS ChipPAC with respect to the following materials :

Material Type	Code	Supplier	Description
Substrate	R001-D322X	Nanya	VFBGA 7.0X7.0 100LD 2L 0.500P 056048K
Substrate	R001-D626X	Shennan	VFBGA 10X10 201LD 2L 0.650P 057331K
Substrate	R001-D943X	Nanya	SUB LFBGA 13X13MM 208LD 2L 058642K
Leadframe	R002-3011L	MITSUI	LQFP 64L C9-DSM 157*157 10X10PKG
Leadframe	R002-2471L	SHINKO	LQFP 100L C9-DSM 256X256 (14X14PKG)
Leadframe	R002-3361L	HDS	LQFP 48L C9-DSM 184X184 (7X7PKG)
Leadframe	R002-3608L	ASM	QFNWB 3;3 -20L-B ASM
Leadframe	R002-3360L	HDS	LQFP 32L C9-DSM 184X184 (7X7PKG)
Leadframe	R002-2185L	Mitsui	LQFP 48LD C9-DEM 157*157 (7*7PKG)
Leadframe	R002-3552L	Mitsui	LQFP 64LD C9-DSM 204*204(7*7PKG)
Leadframe	R002-2195L	Mitsui	LEAD FRAME ASM LQFP 144LD C9-DED 315*315
Leadframe	R002-3443L	CHANG WAH	LQFP 176L C9-ESH 236*236 (24*24 HD)
Epoxy	R008-0364X	SD	EPOXY EN4900GC
Epoxy	R008-0348X	Sumitomo	EPOXY CRM-1191AR-A
Epoxy	R008-0005A	Henkel	Epoxy 3230
Ag Wire	R006-0039X	MKE	WIRE AG 0.8MIL SI TYPE
Ag Wire	R006-0041X	Wiretech	WIRE AG 0.8MIL R3SS TYPE
Cu Wire	R007-0076X	NMC	WIRE CU 0.8MIL EX1F
Cu Wire	R007-0077X	NMC	WIRE CU 0.7MIL EX1F
Cu Wire	R007-0087X	NMC	WIRE CU 1.2MIL EX1P
Cu Wire	R007-0089X	NMC	WIRE CU 1.2MIL EX1F
Au Wire	R005-0269X	MKE	Wire AU 20um(0.8mil) R
Au Wire	R005-0305X	MKE	WIRE AU 20UM(0.8MIL) UB
Compound	R003-0862X	SUMITOMO	MOLD COMPOUND EME G631HQ 16*7.1G SUZHOU
Compound	R003-0793X	SUMITOMO	Mold Compound EME G631HQ 14*5.1G Suzhou
Compound	R003-0879X	SUMITOMO	MOLD COMPOUND EME G631HQ 14*5.9G SUZHOU
Compound	R003-0035X	SUMITOMO	MOLD COMPOUND EME-G770LC 16/9.8G
Compound	R003-0600X	SUMITOMO	MOLD COMPOUND KE-G1250LKDS-30 16/8.0G
Compound	R003-0895X	SUMITOMO	MOLD COMPOUND G631HQ 16x8.3G
Compound	R003-0988X	SUMITOMO	EME-G700LA TYPE L-A 14*5.0
Compound	R003-0724X	SUMITOMO	MOLD COMP EME G700E 14*6.5G SU ZHOU
Compound	R003-0332X	SUMITOMO	MOLD COMP EME-G700E 16MM*7.2G
Compound	R003-1034X	SD	CEL-9240HF10AK-D10 16X8.5G
Compound	R003-0978X	SUMITOMO	EME-G700LA TYPE L-A 14X5.7G
Compound	R003-0989X	SUMITOMO	EME-G700LA TYPE L-A 16*7.2
Tray	R019-1364X	UBOT	TRAY LQFP 10x10 1.4MM 150°C MAX
Tray	R019-1306X	UBOT	TRAY LQFP 14x14x1.4 150°C MAX
Tray	R019-1305X	UBOT	TRAY LQFP 7*7*1.4 150C MAX
Tray	R019-2381X	UBOT	Tray QFN3X3 UF03031.01435XA UBOT
Tray	R019-1578X	SHINON	TRAY 64MQFP 14*14MM 150C BLACK
Tray	R019-1365X	UBOT	TRAY LQFP 20X20 1.4MM 150°C MAX
Tray	R019-1366X	UBOT	TRAY LQFP 24X24 1.4MM 150°C MAX
Tray	R019-1624X	UBOT	TRAY 7*7 150C UB07071.01026XA
Tray	R019-3051X	DAEWON	TRAY DAEWON TFBGA 10X10
Tray	R019-2129X	Kostat	TRAY KOSTAT CSBGA 13.00mmx13.00mm 140°c



Signature : Allen

Name / Position : Allen Sheng SQE

Date : Sep 3rd 2021

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