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Infineon Technologies Substances of Concern (SoC) (Declarable Substances)			Version: 2.8 Date: February 2014
Infineon's suppliers have to assure that below listed substances of concern do not exceed the reporting threshold values in delivered products¹⁾. Substances exceeding the threshold values shall be listed in the reporting letter "Supplier Warranty on Substances of Concern"²⁾ providing the concentration (ppm) and product name in which a SoC is contained.			
No	Substance	CAS-no.	Reporting Thresholds (Any content greater than)
1	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	1000 ppm
2	Aliphatic hydrocarbons (CHCs)	Several	1000 ppm
3	Antimony/Antimony compounds	Several	100 ppm
4	4-Aminobiphenyl	92-67-1	1000 ppm
5	Aniline salts	Several	1000 ppm
6	Anthracene	120-12-7	1000 ppm
7	Arsenic/Arsenic compounds	Several	100 ppm
8	Asbestos	Several	0 ppm *
9	Certain azo colorants with carcinogenic amino compounds	Several	30 ppm
10	Barium/ Barium compounds	Several	1000 ppm
11	Benzene	71-43-2	1000 ppm
12	Specific Benzotriazole	3846-71-7	1000 ppm
13	Beryllium/ Beryllium compounds	Several	100 ppm
14	Benzo[a]pyrene	50-32-8	1 ppm
15	Bismuth/ Bismuth compounds	Several	1000 ppm
16	Bisphenol A	80-05-7	1000 ppm
17	Brominated and chlorinated compounds	Several	900 ppm
18	Total of brominated and chlorinated compounds	Several	1500 ppm
19	Brominated Flame Retardant (other than PBBs and PBDEs)	Several	5 ppm
20	Brominated Polystyrene (BPS)	88497-56-7	1000 ppm
21	Cadmium/ Cadmium compounds	Several	5 ppm
22	Carbon tetrachloride	56-23-5	1000 ppm
23	Chlorinated dioxins and furans Brominated dioxins and furans (total)	Several	5 ppb
24	Chlorinated Paraffins (CP)	Several	1000 ppm
25	Chlorofluorocarbons (CFCs) and halons	Several	0 ppm *
26	Hexavalent Chromium/ Hexavalent Chromium compounds	Several	100 ppm
27	Cobalt dichloride	7646-79-9	1000 ppm
28	Cyanides	Several	1000 ppm
29	Cyclododecane	294-62-2	1000 ppm
30	Decabromodiphenyl ether (DecaBDE)	1163-19-5	1000 ppm

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31	Decabromodiphenyl oxide (DBDPO)	1163-19-5	1000 ppm
32	Dibutylphthalate (DBP)	84-74-2	1000 ppm
33	Dichloromethane (methylene chloride)	75-09-2	1000 ppm
34	Diethylhexylphthalate (DEHP); Bis(2-ethylhexyl)phthalate	117-81-7	1000 ppm
35	Dimethylformamide (DMF)	68-12-2	1000 ppm
36	Dimethyl fumarate	624-49-7	0.1 ppm
37	Dioxins and furans	Several	1000 ppm
38	Disperse dyes	Several	1000 ppm
39	Ethylene Glycol Mono-methyl, -ethyl Ether & its acetate	Several	1000 ppm
40	Formaldehyde	50-00-0	0.1 ppm
41	Gold/ Gold compounds	Several	0 ppm *
42	Hexabromocyclododecane (HBCDD)	3194-55-6	1000 ppm
43	Hydrochlorofluorocarbons (HCFCs)	Several	1000 ppm
44	Hydrofluorocarbons (HFCs)	Several	1000 ppm
45	Isocyanates	Several	1000 ppm
46	Lead/Lead compounds	Several	800 ppm (solder materials) 100 ppm (other materials)
47	Medium Chained Chlorinated Paraffin (MCCP)	Several	1000 ppm
48	Mercury/ Mercury compounds	Several	5 ppm
49	Methyl bromide	74-83-9	1000 ppm
50	Mirex (perchlordecone)	2385-85-5	1000 ppm
51	Molybdenum/ Molybdenum compounds	Several	1000 ppm
52	Nickel	7440-50-8	1000 ppm
53	Nonylphenol and nonylphenol ethoxylates	Several	1000 ppm
54	Octabromodiphenyl ether (OctaBDE)	32536-52-0	5 ppm
55	Organochlorinated compounds	Several	1000 ppm
56	Organostannic compounds	Several	100 ppm
57	Ozone Depleting Substances (ODS)	Several	0 ppm *
58	Certain Shortchain Chlorinated Paraffins (C10 – C13)	Several	100 ppm
59	Pentabromodiphenyl ether (PentaBDE)	32534-81-9	5ppm
60	Pentachlorophenol (PCP); Pentachlorophenol sodium salt; other PCP salts and compounds	87-86-5 131-52-2 Several	5 ppm
61	Perchlorates	Several	0,006 ppm
62	Perfluorocarbons (PFCs)	Several	1000 ppm
63	Perfluorooctanoic acids (PFOA)	Several	1 ppm
64	Perfluorooctane sulfonates (PFOS)	Several	100 ppm
65	Phthalates	Several	1000 ppm
66	Phenol, 2-(2H-benzotriazol-2-yl)-4, 6-bis(1,1-dimethylethyl)	3846-71-7	0 ppm *
67	Polybrominated Biphenyls (PBBs)	Several	5 ppm
68	Polybrominated Diphenyl ethers (PBDEs)	Several	5 ppm
69	Polychlorinated Biphenyls and Terphenyls (PCBs, PCTs)	1336-36-3 61788-33-8	5 ppm

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70	Polychlorinated Naphthalenes (more than 3 Chlorine atoms)	Several	0 ppm *
71	Polycyclic Aromatic Hydrocarbons (PAH); 16 Isomeres	Several	10 ppm
72	Polyvinyl Chloride (PVC)/ Vinyl chloride monomer	74-01-4	100 ppm
73	Radioactive substances	Several	0 ppm *
74	Substances listed in the current version of the “Candidate List of Substances of Very High Concern for authorization” published by ECHA ⁴⁾	Several	1000 ppm
75	Selenium/ Selenium compounds	Several	1000 ppm
76	Sulphur hexafluoride (SF ₆)	2551-62-4	1000 ppm
77	Tantalum/ Tantalum compounds	Several	0 ppm *
78	Tar oils	Several	0 ppm *
79	Tellurium/ Tellurium compounds	Several	1000 ppm
80	Tetrabromobisphenol-A	79-94-7	1000 ppm
81	Tetrachloroethylene	127-18-4	1000 ppm
82	Tetramethylthiuram disulfide (Thiram)	137-26-8	1000 ppm
83	Thallium/ Thallium compounds	Several	1000 ppm
84	Tin/ Tin compounds	Several	0 ppm *
85	Toluene	108-88-3	1000 ppm
86	Tri (2,3-dibromopropyl) phosphate (TRIS)	126-72-7	1000 ppm
87	Trichloroethane (TCE)	Several	1000 ppm
88	Trichloroethylene	79-01-6	1000 ppm
89	Tris (2-chloroethyl) phosphate (TCEP)	115-96-8	1000 ppm
90	Tris-(aziridiny)-phosphineoxide (TEPA)	545-55-1	1000 ppm
91	Tungsten / Tungsten compounds	Several	0 ppm *
92	Ugilec 121, 141 and DBBT	Several	1000 ppm
93	Lead, cadmium, mercury and hexavalent chromium (contained in packaging and/or packaging components)	Several	100 ppm in total

0 ppm * = Intentionally added ³⁾

1) Product: Products, components, subparts, materials, material preparations, auxiliary production materials and packaging materials are collectively referred to herein as “product”

2) Supplier Warranty on Substances of Concern: Can be found at <http://www.infineon.com/cms/en/product/technology/products-material-declaration/index.html>

3) Intentionally added: Deliberate use in the formulation of a product or subpart where its continued presence is desired to provide a specific characteristic, appearance or quality. If listed substances are contained in products purchased by supplier and are incorporated, such substances must be disclosed if the supplier has knowledge (or with reasonable inquiry should have knowledge) of the presence of such substances.

4) REACH: The candidate list is regularly amended by ECHA. It’s in the supplier’s responsibility to get knowledge about any change in the candidate list and to ensure compliance all times. The list can be found at <http://echa.europa.eu/web/guest/candidate-list-table>