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Infineon Technologies Substances of Concern (SoC) (Declarable Substances)			Version: 2.9 Date: February 2016
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	4-Aminobiphenyl	92-67-1	1000 ppm
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	1000 ppm
3	Aliphatic hydrocarbons (CHCs)	Several	1000 ppm
4	Aniline salts	Several	1000 ppm
5	Anthracene	120-12-7	1000 ppm
6	Antimony/Antimony compounds	Several	100 ppm
7	Arsenic/Arsenic compounds	Several	100 ppm
8	Asbestos	Several	0 ppm *
9	Barium/ Barium compounds	Several	1000 ppm
10	Benzene	71-43-2	1000 ppm
11	Benzo[a]pyrene	50-32-8	1 ppm
12	Beryllium/ Beryllium compounds	Several	100 ppm
13	Bismuth/ Bismuth compounds	Several	1000 ppm
14	Bisphenol A	80-05-7	1000 ppm
15	Brominated and chlorinated compounds	Several	900 ppm
16	Brominated Flame Retardant (other than PBBs and PBDEs)	Several	5 ppm
17	Brominated Polystyrene (BPS)	88497-56-7	1000 ppm
18	Cadmium/ Cadmium compounds	Several	5 ppm
19	Carbon tetrachloride	56-23-5	1000 ppm
20	Certain azo colorants with carcinogenic amino compounds	Several	30 ppm
21	Certain Shortchain Chlorinated Paraffins (C10 – C13)	Several	100 ppm
22	Chlorinated dioxins and furans	Several	5 ppb
23	Chlorinated Paraffins (CP)	Several	1000 ppm
24	Chlorofluorocarbons (CFCs) and halons	Several	0 ppm *
25	Cobalt dichloride	7646-79-9	1000 ppm
26	Cyanide	Several	1000 ppm
27	Cyclododecane	294-62-2	1000 ppm
28	Decabromodiphenyl ether (DecaBDE)	1163-19-5	1000 ppm
29	Decabromodiphenyl oxide (DBDPO)	1163-19-5	1000 ppm
30	Dibutylphthalate (DBP)	84-74-2	1000 ppm
31	Dichloromethane (methylene chloride)	75-09-2	1000 ppm
32	Diethylenetriaminepentaacetic (DTPA)	67-43-6	0 ppm *
33	Diethylhexylphthalate (DEHP)	117-81-7	1000 ppm

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34	Dimethyl fumarate	624-49-7	0.1 ppm
35	Dimethylformamide (DMF)	68-12-2	1000 ppm
36	Dioxins and furans	Several	1000 ppm
37	Disperse dyes	Several	1000 ppm
38	Ethylene Glycol Mono-methyl, -ethyl Ether & its acetate	Several	1000 ppm
39	Ethylenediaminetetraacetic acid (EDTA)	60-00-4	0 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	Hexavalent Chromium/ Hexavalent Chromium compounds	Several	100 ppm
44	Hydrochlorofluorocarbons (HCFCs)	Several	1000 ppm
45	Hydrofluorocarbons (HFCs)	Several	1000 ppm
46	Isocyanates	Several	1000 ppm
47	Lead, cadmium, mercury and hexavalent chromium (contained in packaging and/or packaging components)	Several	100 ppm in total
48	Lead/Lead compounds	Several	800 ppm (solder materials) 100 ppm (other materials)
49	Medium Chained Chlorinated Paraffin (MCCP)	Several	1000 ppm
50	Mercury/ Mercury compounds	Several	5 ppm
51	Methyl bromide	74-83-9	1000 ppm
52	Mirex (perchlordecone)	2385-85-5	1000 ppm
53	Molybdenum/ Molybdenum compounds	Several	1000 ppm
54	Nickel	7440-50-8	1000 ppm
55	Nonylphenol and nonylphenol ethoxylates	Several	1000 ppm
56	Octabromodiphenyl ether (OctaBDE)	32536-52-0	5 ppm
57	Organochlorinated compounds	Several	1000 ppm
58	Organostannic compounds	Several	100 ppm
59	Ozone Depleting Substances (ODS)	Several	0 ppm *
60	Pentabromodiphenyl ether (PentaBDE)	32534-81-9	5ppm
61	Pentachlorophenol (PCP) Pentachlorophenol sodium salt; other PCP salts and compounds	87-86-5 131-52-2 Several	5 ppm
62	Perchlorates	Several	0,006 ppm
63	Perfluorocarbons (PFCs)	Several	1000 ppm
64	Perfluorooctane sulfonates (PFOS)	Several	100 ppm
65	Perfluorooctanoic acids (PFOA)	Several	1 ppm
66	Phenol, 2-(2H-benzotriazol-2-yl)-4, 6-bis(1,1-dimethylethyl)	3846-71-7	0 ppm *
67	Phthalates	Several	1000 ppm
68	Polybrominated Biphenyls (PBBs)	Several	5 ppm
69	Polybrominated Diphenyl ethers (PBDEs)	Several	5 ppm
70	Polychlorinated Biphenyls and Terphenyls (PCBs, PCTs)	1336-36-3 61788-33-8	5 ppm

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71	Polychlorinated Naphthalenes (more than 3 Chlorine atoms)	Several	0 ppm *
72	Polycyclic Aromatic Hydrocarbons (PAH); 16 Isomeres	Several	10 ppm
73	Polyvinyl Chloride (PVC)/ Vinyl chloride monomer	74-01-4	100 ppm
74	Radioactive substances	Several	0 ppm *
75	Selenium/ Selenium compounds	Several	1000 ppm
76	Specific Benzotriazole	3846-71-7	1000 ppm
77	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
78	Sulphur hexafluoride (SF ₆)	2551-62-4	1000 ppm
79	Tantalum/ Tantalum compounds	Several	0 ppm *
80	Tar oils	Several	0 ppm *
81	Tellurium/ Tellurium compounds	Several	1000 ppm
82	Tetrabromobisphenol-A	79-94-7	1000 ppm
83	Tetrachloroethylene	127-18-4	1000 ppm
84	Tetramethylthiuram disulfide (Thiram)	137-26-8	1000 ppm
85	Thallium/ Thallium compounds	Several	1000 ppm
86	Tin/ Tin compounds	Several	0 ppm *
87	Toluene	108-88-3	1000 ppm
88	Total of brominated and chlorinated compounds	Several	1500 ppm
89	Tri (2,3-dibromopropyl) phosphate (TRIS)	126-72-7	1000 ppm
90	Trichloroethane (TCE)	Several	1000 ppm
91	Trichloroethylene	79-01-6	1000 ppm
92	Tris (2-chloroethyl) phosphate (TCEP)	115-96-8	1000 ppm
93	Tris-(aziridiny)-phosphineoxide (TEPA)	545-55-1	1000 ppm
94	Tungsten / Tungsten compounds	Several	0 ppm *
95	Ugilec 121, 141 and DBBT	Several	1000 ppm

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>