


To: Avnet

Certificate of Non-inclusion for Prohibited Substances in Products

Company name: OMRON Malaysia Sdn. Bhd.
 Department: Quality and Environment Department
 Title: Quality & Environment Senior Manager
 Name: Ahmed Feroz Mohamad
 Signature: 

OMRON MALAYSIA SDN BHD
 (COMPANY NO: 197301000076 (13608-T))
 LOT 15, JALAN SS8/4
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We hereby certify, based on facts known to us as of the date provided above, that OMRON products, parts, and materials (including accessories and individual package or packing materials thereof) delivered to you do not contain the following chemical substances over the criteria stated in our "Management Criteria for Regulated Chemicals" (Ver. 5.00) at the time of shipment from the factory.

Details

1. Chemical Substances

(1) Chemical Substances Regulated by RoHS Directives (2011/65/EU, 2015/863/EU): 10 Substances

No.	Substance
1	Lead / Lead compounds
2	Cadmium / Cadmium compounds
3	Mercury / Mercury compounds
4	Hexavalent Chromium compounds
5	Poly Brominated Biphenyls (PBB)
6	Poly Brominated Diphenyl Ethers (PBDE)
7	Bis (2-ethylhexyl)phthalate (DEHP/DOP) CAS No. 117-81-7 [*1]
8	Benzyl butyl phthalate (BBP) CAS No. 85-68-7 [*1]
9	Dibutyl phthalate (DBP) CAS No. 84-74-2 [*1]
10	Diisobutyl phthalate (DIBP) CAS No. 84-69-5 [*1]

(Note) [*1]: Designated phthalates shall not be intentionally used over 1,000 ppm per homogeneous material.

(2) Substances Prohibited by Omron: 47 Substances

*2 to *8 are some of the substances that are required to be managed only for the purposes listed.

*2, *3, *5 to *8 are not subject to this certificate of non-inclusion because the target products are not intended to be used for the applicable purposes.

For details, please confirm "Management Criteria for Regulated Chemicals."

No.	Substance	No.	Substance
1	Nickel / Nickel Compounds [*2]	8	Dimethyl Fumarate
2	Tributyltin oxide (TBTO)	9	Polyvinyl chloride (PVC) and PVC copolymer [*4]
3	Trisubstituted organotin compound	10	Asbestos
4	Dibutyltin (DBT) compounds	11	Azo dyes, Azo pigment creating aromatic amine [*5]
5	Diocetyl tin (DOT) compounds [*3]	12	Ozone depleting substances
6	Polychlorinated biphenyls (PCB) or Alternatives	13	Radioactive materials
7	Polychlorinated terphenyls (PCT)	14	Formaldehyde [*6]
15	Polychlorinated naphthalenes (with 1 or more chlorine atoms)	32	2-(2H-benzotriazol-2-yl)-4,6-bis (1,1-dimethylethyl)-Phenol
16	Perfluorooctanesulfonic acid (PFOS)	33	Phthalate esters Group1 (BBP, DBP, DEHP, DIBP) [*7] [*9]
17	Phthalate esters Group2 (DIDP,	34	Bis(pentabromophenyl) ether

No.	Substance	No.	Substance
	DINP, DNOP) [*7] [*9]		(decabromodiphenyl ether) (DecaBDE)
18	Heavy metals (Lead, Cadmium, Hexavalent Chromium, Mercury) [*4]	35	Tri(4-isopropylphenyl) phosphate (PIP(3:1))
19	Short-chain chlorinated paraffins (C10-13)	36	Pentachlorothiophenol (PCTP)
20	Perfluorooctanoic acid (PFOA) and its salts	37	Hexachlorobutadiene (HCBD)
21	Perfluorooctanoic acid (PFOA)-related compounds	38	C9-C14 PFCA and their salts [*10]
22	Hexabromocyclododecane (HBCDD)	39	C9-C14 PFCA-related substances [*10]
23	Benzo[e]pyrene [*8]	40	Tris(2-chloroethyl) phosphate (TCEP)
24	Benzo[j]fluoranthene [*8]	41	Tris(1-chloro-2-propyl)phosphate (TCPP)
25	Benzo[b]fluoranthene [*8]	42	Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)
26	Benzo[k]fluoranthene [*8]	43	Mineral oil aromatic hydrocarbons comprising from 1 to 7 aromatic rings (MOAH) [*4]
27	Chrysen [*8]	44	PFHxS and their salts [*10]
28	Benzo[a]pyrene [*8]	45	PFHxS-related substances [*10]
29	Dibenzo[a,h]anthracene [*8]	46	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 ("Dechlorane Plus"™) Dechlorane Plus
30	Benzo[a]anthracene [*8]	47	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)
31	Halogen-containing flame retardants		

Note) [*2]: For use as involving long-time contact with skin.

[*3]: For use as textile / leather products intended to be in contact with skin, or two-component room temperature vulcanization molding kit.

[*4]: For use as packing / packaging material.

[*5]: For use as textile / leather products.

[*6]: For use as (a) clothing or related accessories, (b) textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing, (c) footwear.

[*7]: For use as a toy that may enter the mouth of a child or as a child-care product.

[*8]: For use as rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact.

[*9]: Those substances are not intentionally used over 1000 ppm in total per plasticized material.

[*10]: These substances are not intentionally used over specified threshold values.

For "Management Criteria for Regulated Chemicals",
access the URL: <https://components.omron.com/eu-en/technical-support/rohs-search>

2. Covered Products, Parts and Materials

	Product Name	Product Model	Notes
1	G5LE-(1)(1A)(14)(1A4)(-E)(-G)(-ASI)(-CF)(-4)(-36)(-60)(-VD)(-HA)(250)(-AP3)(-36)(-S)	G5LE Series	Not Contained
	G5LE with suffix "UA"		
	(model and it's series for all AC & DC voltages)		