

Date : March 26, 2025

To: Avnet

Certificate of Non-inclusion for Prohibited Substances in Products

Company name: OMRON AMUSEMENT Co., Ltd.
 Department: Quality & Environment Group
 Title: Manager
 Name: Norikazu Kajiura

Signature:



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]	10	Dimethyl Fumarate
2	Tributyltin oxide (TBTO)	11	Polyvinyl chloride (PVC) and PVC copolymer ^[*4]
3	Trisubstituted organotin compound	12	Asbestos
4	Dibutyltin (DBT) compounds	13	Azo dyes, Azo pigment creating aromatic amine ^[*5]
5	Diocetyl tin (DOT) compounds ^[*3]	14	Ozone depleting substances
6	Polychlorinated biphenyls (PCB) or Alternitives	15	Radioactive materials
7	Polychlorinated terphenyls (PCT)	16	Formaldehyde ^[*6]
8	Polychlorinated naphthalenes (with 1 or more chlorine atoms)	17	2-(2H-benzotriazol-2-yl)-4,6-bis (1,1-dimethylethyl)-Phenol
9	Perfluorooctanesulfonic acid (PFOS)	18	Phthalate esters Group1 (BBP, DBP, DEHP, DIBP) ^[*7] ^[*9]

No.	Substance	No.	Substance
19	Phthalate esters Group2 (DIDP, DINP, DNOP) [^{*7}] [^{*9}]	34	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)
20	Heavy metals (Lead, Cadmium, Hexavalent Chromium, Mercury) [^{*4}]	35	Tri(4-isopropylphenyl) phosphate (PIP(3:1))
21	Short-chain chlorinated paraffins (C10-13)	36	Pentachlorothiophenol (PCTP)
22	Perfluorooctanoic acid (PFOA) and its salts	37	Hexachlorobutadiene (HCBD)
23	Perfluorooctanoic acid (PFOA)-related compounds	38	C9-C14 PFCA and their salts [^{*10}]
24	Hexabromocyclododecane (HBCDD)	39	C9-C14 PFCA-related substances [^{*10}]
25	Benzo[e]pyrene [^{*8}]	40	Tris(2-chloroethyl) phosphate (TCEP)
26	Benzo[j]fluoranthene [^{*8}]	41	Tris(1-chloro-2-propyl)phosphate (TCPP)
27	Benzo[b]fluoranthene [^{*8}]	42	Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)
28	Benzo[k]fluoranthene [^{*8}]	43	Mineral oil aromatic hydrocarbons comprising from 1 to 7 aromatic rings (MOAH) [^{*4}] [^{*10}]
29	Chrysen [^{*8}]	44	PFHxS and their salts [^{*10}]
30	Benzo[a]pyrene [^{*8}]	45	PFHxS-related substances [^{*10}]
31	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
32	Benzo[a]anthracene [^{*8}]	47	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)
33	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	Note
1	HUMAN VISION COMPONENTS	B5T-007001-020	
2	Light Convergent Reflective sensor	B5W-LB2101-1	
3	Connector	EE-5002 1M	
4	Photo microsensor	EE-SJ3-D	
5	Photo microsensor	EE-SV3	
6	Photo microsensor	EE-SV3-D	
7	Photo microsensor	EE-SX1041	
8	Photo microsensor	EE-SX1042	
9	Photo microsensor	EE-SX1046	
10	Photo microsensor	EE-SX1081	
11	Photo microsensor	EE-SX1103	
12	Photo microsensor	EE-SX1140	
13	Photo microsensor	EE-SX1161-W11	
14	Photo microsensor	EE-SX198	
15	Photo microsensor	EE-SX3009-P1	
16	Photo microsensor	EE-SX3070	
17	Photo microsensor	EE-SX3081	
18	Photo microsensor	EE-SX3088	
19	Photo microsensor	EE-SX398	

	Product Name	Product Model	Note
20	Photo microsensor	EE-SX4009-P1	
21	Photo microsensor	EE-SX4070	
22	Photo microsensor	EE-SX4081	
23	Photo microsensor	EE-SX4350	
24	Photo microsensor	EE-SX461-P11	
25	Photo microsensor	EE-SY199	
26	Photo microsensor	EE-SY410	
27	Photo microsensor	EE-SX4088-W11	
28	Color Sensor	B5WC-VB2322-1	
29	Diffuse Reflective Sensor	B5W-DB1452-1	
30	Light Convergent Reflective Sensor	B5W-LB1112-1	
31	Photo microsensor	EE-SX1350	
32	Photo microsensor	EE-SX3350	
33	Photo microsensor	EE-SX1330-2	
34	Photo microsensor	EE-SX1106	
35	Photo microsensor	EE-SX1070	
36	Photo microsensor	EE-SX1320	
37	Photo microsensor	EE-SX1330	
38	Photo microsensor	EE-SX1321	
39	MEMS Gauge Pressure Sensor	2SMPP-02	
40	MEMS Flow Sensor	D6F-W01A1	
41	MEMS Flow Sensor	D6F-W10A1	
42	Cable	D6F-WCABLE	
43	MEMS Thermal Sensors	D6T-32L01-A	
44	MEMS Thermal Sensors	D6T-44L-06	
45	MEMS Flow Sensor	D6F-P0010A1	

Dear sirs
April 1st, 2023

OMRON Corporation
Device & Module Solutions Company
Quality Management Division
General Manager Atsushi Kamizasa

Our Warranty of Non-Inclusion of Substances Restricted under EU REACH Annex XVII

We would like to express our sincere gratitude for your continued support for our products.

In response to inquiries regarding our warranty of non-inclusion of substances restricted under EU REACH ((EC) No.1907/2006) Annex XVII, we would like to reply as below.

We manage environmentally regulated chemical substances included in our products in compliance with IEC 62474, issued by the International Electrotechnical Commission. With regard to electrical and electronic equipment, including OMRON products, some substances restricted under EU REACH Annex XVII are not subject to legal requirements, and therefore our prohibited substances management does not cover all of the substances restricted under EU REACH Annex XVII.

To confirm if any of the substances restricted under EU REACH Annex XVII are covered by our warranty of non-inclusion, refer to the separate document, "*Certificate of Non-inclusion for Prohibited Substances in Products*," which lists substances guaranteed not to be included in our products. Our warranty of non-inclusion can apply to only those substances listed in the above certificate.

We would appreciate your understanding.

Sincerely yours

<Reference>

- For details of our policies concerning restricted chemical substances and relevant management, please refer to "OMRON Green Procurement Standards" and "Investigation Manual for Regulated Chemical Substances" by accessing the URL below:
https://sustainability.omron.com/en/environ/procurement/green_procurement/
- For IEC 62474 issued by IEC (International Electrotechnical Commission), please access the URL below:
<http://std.iec.ch/iec62474/iec62474.nsf/index>