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## Ricoh REACH Declaration

Ricoh recognizes the importance of understanding its environmental responsibilities and complying with applicable laws and regulations to minimize adverse effects on human health and the environment.

Ricoh Group's Green Procurement Standards <Annex> Ricoh criteria for Environmentally Sensitive Chemical Substances ([https://www.ricoh.com/-/Media/Ricoh/Sites/com/sustainability/environment/guideline/pdf/image\\_e\\_ver13.pdf](https://www.ricoh.com/-/Media/Ricoh/Sites/com/sustainability/environment/guideline/pdf/image_e_ver13.pdf)) specifies substances that are prohibited to be contained in Ricoh products and product packaging delivered to customers other than the exemptions allowed by the authorities. Ricoh requests all suppliers not to be contained the prohibited substances in their parts and materials delivered to Ricoh accordingly.

This Environmental Specification is integrated into Ricoh's design guideline requirements, and product development processes.

The European Chemicals Agency (ECHA) manages the REACH regulation 1907/2006, including the candidate list of substances of very high concern (SVHC), and Annex XVII listing restricted substances. Article 33 of REACH requires a supplier of articles containing a listed candidate SVHC in a concentration above 0.1% weight by weight (w/w) to provide the recipient with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum the name of that substance.

Some Ricoh products may contain articles which use SVHCs and all of these products are safe for use when used as intended, and in accordance with the applicable usage instructions.

**REACH Declaration for Ricoh Supply products (i.e. toner, ink):**

All Ricoh supply products for Office Print products **do not contain** any Substances of Very High Concern (SVHC) more than 0.1% by weight announced by ECHA effective up to the date of this declaration.

For professional inks please refer to the Safety Data Sheets portal.

**REACH Declaration for Ricoh products (i.e. printer, copier, MFP, projector, IWB):**

\*Note that a listing of the substances below does not imply that the substance is found in all article used for Ricoh products. Additionally, we made a best effort to create the list based on available information from suppliers, but it may not be exhaustive.

All Ricoh products that contain SVHCs more than 0.1% by weight announced by ECHA effective up to the date of this declaration have been loaded into the SCIP database effective from January 5, 2021 onwards. Please consult the database for specific information on which SVHCs are present in which products.

Products labelled with the Blue Angel Mark generally do not contain SVHC in housings, housing parts, toners or inks. Exceptions may apply in accordance with the Blue Angel criteria.

| Substance of Very High Concern   | CAS number | Article Type  |
|----------------------------------|------------|---|
| Lead                             | 7439-92-1  | glass, resistor, transfer belt, capacitor, fuse, Printed Circuit Board, piezoelectric device, sensor, thermistor, electrode, diode, die attach, solder, shaft, screw, stud, pin, aluminium alloy, steel alloy, copper alloy, terminal plating (RoHS exemptions apply) |
| Disodium tetraborate decahydrate | 1303-96-4  | guide, guide pin, guide board, cover, gear, cushion, thermistor, electrode, resistor, fuse, shaft   |

|   |            |   |
|---|------------|---|
| Boric acid  | 10043-35-3 | screw, guide board, cover, spring, shaft, stud, roller, case, bracket, polarization plate, stay, fence, lever   |
| 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one                | 71868-10-5 | substrate ink, solder mask, solder resin  |
| Cobalt nitrate  | 10141-05-6 | screw, pin, bracket, plate, pin, shaft  |
| Octamethyl cyclo tetrasiloxane(D4)                                      | 556-67-2   | guide, gear, cushion, seal, silicon rubber, holder, lever   |
| Disodium tetraborate pentahydrate                                       | 12179-04-3 | pin, screw, spring, washer  |
| Lead titanium zirconium oxide   | 12626-81-2 | ceramic element, piezo device, ceramic resonator  |
| 1-methyl-2-pyrrolidone (NMP);<br>N-methyl-2-pyrrolidone                 | 872-50-4   | gear, bearing, transfer belt, base, holder, coating   |
| Decamethyl cyclopenta siloxane(D5)                                      | 541-02-6   | silicone foamed tube, silicone rubber, silicone sponge, seal, tape  |
| Nonylphenol ethoxylates (NPE)   | 9016-45-9  | additive for alumite treatment on cover, gear, seal, tape, mirror, lens, frame, belt  |
| 2-Methoxyethanol.<br>ethylene glycol monomethyl ether;<br>methyl glycol | 109-86-4   | laminated sheet, adhesive material, coating material for plastics   |
| Melamine  | 108-78-1   | Cable, Harness, PCB, Memory   |
| 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol                        | 79-94-7    | Connector, controller, CPU, complex element, capacitor, motor, encoder, EMI component, board, housing, PSU, guide, cover, gasket, case, duct, and many more |

|   |            |  |
|---|------------|--|
| S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate | 119-47-1   | Aluminum electrolytic capacitor, harness, torque limiter, paper feed tray, display                 |
| Medium-chain chlorinated paraffins (MCCP) ; Alkanes,C16-35,chloro   | 85049-26-9 | Harness, belt, roller, insulator, sheathing, double-sided tape, clips, sponge, cushion, cord clamp |

Signed for and on behalf of: RICOH COMPANY Ltd.

Signature 

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 April 11, 2023