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| Date | January 23 <sup>th</sup> , 2024 |
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To Whom it May Concern

## European Regulation on Chemicals (REACH) - Relevance to products supplied by KOA

Dear Customer,

The European Regulation EC No. 1907/2006 REACH (Registration, Evaluation, and Authorization of Chemicals) came into effect on June 1<sup>st</sup> 2007 for the purpose of protecting human health and the environment and for increasing the international competitiveness of European chemical industries. Chemicals are:

**- Substances** (e.g. benzol)

It's a chemical element or its compound obtained in the natural conditions or in some production processes. It includes any additive required to sustain its stability and any impurity generated in employed process.

**- Preparations** (e.g. ink cartridge)

It's a mixture or a solution consisting of two or more substances.

**- Articles** (e.g. mobile phone)

It's an object of which function is definitely determined by a particular shape, surface or design given in the manufacturing process rather than by its chemical composition.

The business that manufactures or imports chemicals (substances, preparations or articles) in the European Community is required to register and evaluate such chemicals. It has to have an authorization for a substance of very high concern (SVHC) and is subjected to prohibition or other disposition for a "highly dangerous substance".

KOA imports articles to the European Community. For articles a registration is required, if

- A SVHC is present in the article above a concentration of 0.1wt% and
- the SVHC is present in the article in quantities totalling over 1 ton per year.

Some products of KOA include Lead Oxide (PbO ; CAS-no. 1317-36-8) and Diboron Trioxide (B<sub>2</sub>O<sub>3</sub> ; CAS-no. 1303-86-2), which are used in raw materials for glass and ceramics. These multi-constituent substances (UVCB) do not have a CAS-no and are not listed as a SVHC.

Referring to the official statements of JEITA and ZVEI, KOA does not judge Lead Oxide and Diboron Trioxide as a SVHC if they are embedded in a glass or ceramic.

Therefore, KOA guarantees that no substance, which is listed in the Candidate List of SVHC (240 substances) from the European Chemicals Agency (ECHA) dated January 23<sup>th</sup>, 2024, is above the legal threshold limit value. However, the Lead-containing termination (Sn-Pb) products, High voltage power resistors (PSN/PV/PN/PWW), Custom products and Discontinued products are excluded.

KOA articles with lead-free terminations are compliant with the restricted substances listed in ANNEX XVII of REACH that limits the use of certain substances for specific uses.

In addition, this declaration was drawn up based on the information which currently can be obtained. We undertake to report promptly any future changes, if any.

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General Manager  
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