

TO All Suppliers

Date : 24/08/2018

SEIKO EPSON CORPORATION
MICRODEVICES OPERATIONS DIVISION
(QUARTZ DEVEICE BUSINESS)

**Request for the document submission concerning chemical
substance inclusion in products**

Dear Sir/Madam,

Thank you very much for receiving special cooperation for the chemical substance inclusion in products management of our company usually.

The part approval in the chemical substance inclusion in products management of our company is made a mechanism that the requirement from our customer in addition to the idea of Epson group "Green Purchasing Standard for Production Materials" is reflected.

We will tell individual correspondence of a necessary investigation and the submitting thing might asked the customer according to the business unit of the Epson group to correspond to the demand of the customer by "Submitting survey information" on Epson group " Green Purchasing Standard for Production Materials 5-(2) (2)".

Therefore, we request submitting the survey and data as you will see from the enclosed paper, and cooperate with understanding, please.

Best Regards.

Description

1. At the submitting document destination

SEIKO EPSON CORPORATION MICRODEVICES OPARATIONS DIVISION
(Quartz Device Business)

2. Request Documents

Please confirm Exhibit.

3. Details

When we request it, we will report details of the object product and the delivery date.

Exhibit : Request Documents

Please submit the document with the check. (check or ■)

- 1. Vendor Agreement about Green Purchasing Standard for Production Materials(Rev.5.0)**
 - Vendor Agreement based on Epson group
 - One Vendor Agreement is required per vendor in the entire Epson Group.
 - Please the name of the company, the section name, and the representative must sign on Vendor Agreement.
Please sign who can take responsibility as Vendor.
 - Vendor Agreement can be downloaded from following URL (P.3)
https://global.epson.com/SR/supply_chain_csr/green_purchasing/pdf/seg_k_0100_e_5.pdf

- 2. SEIKO EPSON (Quartz Device Business) Guarantee of "Banned & Control substance"**
 - Input document : Attached document
(e_non_content_certificate.xlsm)
 - Input item : Date / Company Name / Section name / Name / Address
/ TEL /FAX
 - Signature : Signature of responsible person
 - Submit document : Please submit both the EXCEL file (There is no signature)
and the signed original (paper).

- 3. Content/non-content survey against SVHC**
 - Input document : Attached document (specified_chemical_substance_ver191.xls)
 - Input item : Date of data entry / Vendor name / Manufacturer's name
/ Surveyed company name / Organization name / Responsible
person / Contact person / TEL / E-mail / Sheet 1-xx.
 - Signature : Signature of responsible person
 - Submit document : Please submit both the EXCEL file (There is no signature)
and the signed original (paper).
 - Remark : Please make the survey table even if there is no point or nor ■
display in above-mentioned 3, and submit it when you contain
the object substance of the Specified Material Survey Table.

- 4. Table of Elements**
 - Input document : Attached document (e_03-2_teble_of_elements_ver2_0.xls)
 - Input item : Please refer to Sheet name [Manual] of [Table of Elements.xls]
 - Notes : Please decompose and fill in even the level to which CAS No.
attaches on the material. (CAS No. indispensability)
: Please input substance after the forming (After hardening).
: Please input only the substance which is carrying out
intentional addition. (It is unnecessary to input impurities)
 - Signature : Signature of responsible person
 - Submit document : Please submit both the EXCEL file (There is no signature)
and the signed original (paper).

-Go to next page-

5.SDS

- Please append and submit "SDS submitting cover" only for our company.
- Please request appending "Vendor Agreement" and "Microdevices Operations Division (Quartz device business) Certification That Product Does Not Contain Banned Substances " when you use the recycled material by the plastic material, and submit it regardless of whether it is Recycle material when there is checked or ■ display in above-mentioned 1.2.
- Sending: "SDS submitting cover"(PDF version)
- Please describe the name of the company and the address etc. of the producing Company and sales companies in the SDS cover, and sign the person in charge.
- When it is not possible to sign in the producing company and sales companies, it is assumed it is acceptable only by either signature.
- Submitting : Please submit the SDS+ SDS cover of your issue (signed original (paper)).

6. Highly accurate analysis data

- RoHS 6 substances (Cadmium, Lead, Mercury, Hexavalent chromium, PBBs, PBDEs)
- RoHS 4 heavy metal (Cadmium, Lead, Mercury, Hexavalent chromium)
- Halogen (Total Chlorine, Total Bromine)
- Phthalate (DEHP, BBP, DBP, DIBP)
- Other substances ()

- Please read through attached "Request for the highly accurate analysis data offer" about details of pretreatment and the measuring method.
- Please report on the fixed quantity result to the measurement of the hexavalent chromium. The measurement result by the spot testing is invalid.
- The terms of validity is assumed to be one year from the measurement beginning day. Please submit the update version before the slice of the terms of validity.
- Please arrange the update measurement though submitting first time is assumed to be acceptable if before two months of the terms of validity.
- Please submit it as follows after it fills it in on attached slip "Highly accurate analysis data component combination table" when corresponding.
Object: All except Adhesive, Mold resin, Ink, Packaging material.

Thank you.