

21.09.2023

**Customer information on material compliance  
RoHS, REACH, POP, OzDS, TSCA, PFAS, CMRT, EMRT:**

With this letter, Baumer provides information about internationally applicable substance regulations and how they are taken into account by Baumer.

**RoHS Directive 2011/65/EC, Delegated Directive EU 2015/863:**

In addition to the already known restricted substances (Pb, Hg, Cd, Cr6+, PBB, PBDE), four more substances (DEHP, BBP, DBP and DIBP) have been restricted since July 2021, among others in the category "Monitoring and Control Instruments in Industry", in which Baumer classifies itself. Baumer demonstrates compliance regarding the extended requirements for sales products directly covered by the RoHS Directive by means of EU declarations of conformity. Sales products which do not directly come under the RoHS directive will continue to be declared with the supplier declaration.

**REACH Regulation (EC) No 1907/2006:**

Baumer is manufacturer (producer) of sensors for factory and process automation as well as for transportation. According to the REACH classification, Baumer products are not subject to compulsory registration, evaluation or authorization. To the best of our knowledge, Baumer confirms not working with /including any substances in the products which according to Article / (2) of the European Chemicals Agency (ECHA) come under any obligations of notification.

The website of the European Chemicals Agency (ECHA) lists the substances of very high concern according to the criteria set out in Article 57 and identified in accordance with Article 59 of the REACH Regulation.

**Obligation of notification according to Article 33, REACH:**

As a supplier of assembled products Baumer is obliged by Article 33 (1) of REACH regulation to inform the customers, should an assembled product supplied by Baumer contain one or more of the substances on the "SVHC Candidate List" in a concentration of more than 0.1% by weight (w/w) in sub-assemblies. Relevant information can be found in the SCIP database of the European Chemicals Agency (ECHA) (see section "SCIP database of ECHA").

**Restriction of substances according to REACH, Annex XVII:**

Baumer suppliers are obligated to comply with the restrictions on the manufacture, distribution and use of substances and compounds set out in Annex XVII of the REACH Regulation. Baumer is reviewing the substance restrictions in accordance with Annex XVII. Based on the currently available information, Baumer products fulfill the requirements of Annex XVII.

**ECHA SCIP Database:**

Based on the Waste Framework Directive EU 2018/851, products (complex articles), articles and spare parts containing SVHC substances listed in articles must be registered in European Chemical Agency (ECHA) central SCIP database. Affected Baumer products are registered in the SCIP database and can be viewed using the Baumer material number or the SCIP number, see <https://echa.europa.eu/de/scip-database>.

**POP Convention:**

The Stockholm Convention on Persistent Organic Pollutants (POPs Convention) was adopted and incorporated into national law by various states. In the European Community, POP come under the Regulation (EC) No. 2019/1021 respectively under Regulation ChemRRV SR 814.81 of Switzerland. According to our knowledge based on the information obtained by our suppliers, Baumer neither uses any of the listed substances (see [www.baumer.com](http://www.baumer.com)) in the manufacture of its products nor has them intentionally added.

**OzDS, Montreal Protocol:**

Ozone-Depleting Substances (OzDS) are specified by the internationally agreed Montreal Protocol. In the European Community, such ozone layer depleting substances are subject to Regulation EC No. 2037/2000 respectively Regulation ChemRRV SR 814.81 of Switzerland. According to our knowledge based on the information obtained by our suppliers, Baumer neither uses any of these substances in the manufacture of its products nor has them intentionally added.

**TSCA 6 (h):**

The U.S. Environmental Protection Agency (US EPA) has regulated five additional persistent, bio accumulative and toxic (PBT) substances under Section 6(h) of the Toxic Substances Control Act (TSCA). These became effective on January 6, 2021. In the meantime, the compliance deadline for processing and distribution in commerce of certain PIP (3:1)-containing articles, and the PIP (3:1) used to make those articles until October 31, 2024 extended, along with the associated recordkeeping requirements for manufacturers, processors, and distributors of PIP (3:1)-containing articles. According to the information currently available, based on information from Baumer suppliers, Baumer does not use any of these substances in its products.

**PFAS:**

The current proposal of ECHA, which was made public on February 7th 2023, is for a complete ban on PFAS (min. 10'000, with very few exceptions). A decision by the European Commission on this proposal can be expected in 2025. According to the proposed restriction, there are transition periods of one and a half to thirteen and a half years for companies to find alternatives, depending on the application. [Per- and polyfluoroalkyl substances \(PFAS\) - ECHA \(europa.eu\)](#)

Therefore it must currently be assumed that all products containing per/poly fluoropolymers (CTFE, PFSA, PFA, PCTFE, PTFCE, PVDF, PFPE, ECTFE, MFA, FEP, PTFE, FEPM, EFTE, etc.) and fluoroelastomers (FKM, FVMQ, FFKM, etc.) potentially contain PFAS. An initial analysis at Baumer showed that PFASs may be used in O-rings and gaskets/seals made of FKM, PTFE and PVDF. Seals, which beside of sealing function also keep friction resistance low and guarantee a long service life over a large temperature range. However, PFAS may also be present in lubricants, which is used in bearings for lifetime lubrication.

Baumer is investigating the impact of a possible PFAS ban and is in contact with its suppliers to examine possible alternatives.

### **Reporting of Conflict Minerals CMRT / EMRT:**

For the conflict minerals tin, tungsten, tantalum and gold (3TG), as well as for other raw materials such as cobalt and mica, Baumer has established processes that are in line with the Organization for Economic Cooperation and Development (OECD) Due Diligence Guiding Principles for Promoting Responsible Supply Chains for Minerals from Conflict and High-Risk Areas.

This complies with both the Conflict Minerals Regulation (EU) 2017/821 on supply chain due diligence for Union importers of tin, tantalum, tungsten, their ores and gold from conflict and high-risk areas, and final rule published by the U.S. Securities and Exchange Commission (SEC) for Section 1502 of the Dodd-Frank Act on conflict minerals.

Baumer uses RMI's standardized templates, the Conflict Minerals Reporting Template (CMRT) and the Extended Minerals Reporting Template (EMRT), to record and monitor supplier usage and activities in this regard. The "Downstream" reports are available through Baumer Sales.

### **Note:**

*The declared customer information is based on the present knowledge and experience as well as applicable at the date of issue. Updated information on „Material Compliance“ is provided on the Internet at the Baumer portal. Any change made will replace the previous information.*

If you have any questions, please contact [sales@baumer.com](mailto:sales@baumer.com).

Best regards,

Baumer Management Services  
Quality Management / Environmental Management / Export Compliance

This letter is valid without signature.