

## **REACH – Statement**

Version 19-07

### **Customer Information According to Article 33 (1) of the REACH Regulation**

Dear Sir or Madam,

PI Ceramic GmbH always places high demands on all of its products. This means that PI Ceramic does not offer any products that are known to contain substances that may be hazardous and could affect the safe use of the products.

Nevertheless, due to today's requirements for the quality and safety of products, which you can rightly expect, it is not always avoidable that products in our range also contain substances determined in accordance with Article 59 (1) of the REACH Regulation which, when viewed in isolation, meet the criteria of Article 57 of the REACH Regulation.

The piezo ceramic products you buy could be "products" acc. Article 3 (3) of the REACH Regulation, in which PZT (lead oxide, CAS No 12626-81-2) is the main constituent of ceramics. In this case, PZT is contained in a concentration of more than 0.1% by weight.

The European Chemicals Agency (ECHA) has added "lead titanium zirconium oxide" (PZT) to its SVHC list. PI Ceramic GmbH has registered the material to the ECHA (registration number 01-2119615559-31-0003) according to the requirements of the REACH regulations and created a safety datasheet.

However, PZT is bound in crystalline and insoluble form after the sintering process. When our components or assemblies are handled properly, PZT will never be released.

In addition, we have no evidence that safe use of the products is hazardous when used as intended. Risks can only occur in the case of inhalation or oral ingestion, which however, can be ruled out with proper use.

According to our current knowledge, the functionality and long lifetime guaranteed for our products cannot be achieved with any alternative substance or mixture of substances. Irrespective of this, we have been working for a long time and will continue to work hard to find alternative solutions to PZT.

We are very attentive to the development of the restrictions by REACH and evaluate them up-to-date and promptly for our products. This customer information is subject to the regular updating service and will be reviewed and amended as the law changes.

Sincerely yours,



Dr. Patrick Pertsch  
Managing Director