

## Customer Information in Accordance with Article 33 (1) of the REACH Regulation

Dear Sir or Madam,

You rightly expect quality and safety from our products.

PI Ceramic always places high demands on all of its products. This also includes not offering any products that we know to contain substances of high concern which affect the safe use of the products.

Despite this, due to the current requirements for the quality and safe use of products, which you rightly expect, it is not always possible to avoid substances in products of our portfolio that, when viewed separately, fulfill the criteria of Article 57 of the REACH Regulation and have been determined according to Article 59 (1) of the REACH Regulation.

The piezoceramic products that you have purchased are so-called "articles" in accordance with Article 3 (3) of the REACH Regulation, in which PZT (lead zirconate titanate, CAS No. 12626-81-2) is the main constituent of the ceramic. PZT is thus contained in a concentration of more than 0.1 percent by weight.

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

In addition, we have no evidence that the safe use of the products for the intended use is impaired. Risks can only occur in the case of inhalation or oral uptake, which, however, can be excluded 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 with great effort to find alternative solutions to PZT.

Yours sincerely,



Dr. Peter Schittenhelm  
Managing Director