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

Lederhose, August 2018

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 piezoceramic products that you have purchased are so-called "articles" according to Article 3 (3) of the REACH Regulation, in which PZT (lead zirconate - lead titanate, CAS no. 12626-81-2) is the main constituent of the ceramic. This means that there is a concentration of more than 0.1 percent PZT 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.

Sincerely yours,

Dr. Peter Schittenhelm
The Management