

Declaration of EU REACH Compliance

Hunston Applicable Products: Piezoelectric Products

1907/2006/EC (REACH)

REACH is the European Community Regulation on chemicals and their safe use (EC1907/2006). It deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances. The law entered into force on 1st June 2007. The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. In order to meet the REACH regulations, Hunston have done the necessary preparations.

Till now, based on our current knowledge and the information we received from our suppliers: in total of 240 kinds of substances in SVHC list on 23 January 2024, the chemical substances Lead Titanium Zirconium Oxide that used in our piezoelectric products, has exceed the 0.1% limit value of REACH regulation. The Lead Titanium Zirconium Oxide has been added to SVHC at the 8th batch of SVHC list which was published on 19 December 2012.

Lead Titanium Zirconium Oxide, is the main ingredient of the piezoelectric ceramics. And piezoelectric ceramics is part of piezo disc as the important component of buzzer or transducer. In the production of piezoelectric ceramics, the main material is Lead compounds, and after chemical synthesis, it converted into Lead Titanium Zirconium Oxide. (Lead and compounds are exempted referring to Restriction of Hazardous Substances - European Directive 2011/65/EU(RoHS). This substance will not be released during normal usage and do not require special preventive measures. The buzzers, transducers or any piezoelectric products which contain such substance, can be disposed in accordance with the relevant regulation on waste electrical and electronic equipment.



Tim Lee
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