



## 欧盟 REACH 声明

### Declaration of REACH

REACH: “Registration, Evaluation, Authorization and Restriction of Chemicals, 化学品注册、评估、许可和限制”，是欧盟对进入其市场的所有化学品进行预防性管理的法规（（EC）第 1907/2006），于 2007 年 6 月 1 日正式实施。此法规的目的是保护人类健康和环境。为满足 REACH 法规的要求，EAST 已经作了必要的准备。

REACH is the European Community Regulation on chemicals and their safe use (EC 1907/2006). 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, our Ningbo East have done the necessary preparations.

到目前为止，根据我们所知的信息，以及来自我们的供应商提供的信息显示：在 REACH 最新版第 13 版 2016 年 6 月 15 日公布的 163 项 SVHC 候选清单中，“钛酸铅锆(Lead Titanium Zirconium Oxide)” 在我司蜂鸣器、声响器中的含量超过了 REACH 法规 0.1% 限值（此物质在欧盟 2012 年 12 月 19 日发布的第八批新增 54 种 SVHC 候选清单首次出现）。

Till now, based on our current knowledge and the information we received from our suppliers: in total of 163 kinds of substances in SVHC list on Jun.15, 2015 (the 13<sup>th</sup> edition of SVHC list since the enforcement of REACH regulation), the chemical substances Lead Titanium Zirconium Oxide that used in our buzzer and transducer, has exceed the 0.1% limit value of REACH regulation. The Lead Titanium Zirconium Oxide has been added to SVHC at the 8<sup>th</sup> batch of SVHC list which was published on December 19, 2012.

“钛酸铅锆（Lead Titanium Zirconium Oxide）”为 EAST 提供的蜂鸣器、声响器中的压



电片部件——压电陶瓷片的主要成份；在压电陶瓷片生产中使用的主要原料为铅化合物，经化学合成后转化为“钛酸铅锆（Lead Titanium Zirconium Oxide）”（2011/65/EU（ROHS 2.0）《关于在电子电气设备中禁止使用某些有害物质指令》中铅及其化合物是被豁免的）。此物质在正常使用时不会被释放，不需要进行特殊的预防处理；含有此类物质的蜂鸣器、声响器可按照电子电器报废相关法规进行处理。

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, which contain such substance, can be disposed in accordance with the relevant regulation on waste electrical and electronic equipments.

如果您需要知晓某一款蜂鸣器、声响器的 SVHC 含量，可直接咨询你的业务合作伙伴或 EAST 销售人员。

If you need to know more information about the content of SVHC of a specific buzzer or transducer, please inquiry your business agency or East sales representative for further details.

**Authorised Signature:**

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