



Electronic products

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Finland Tukes urges strict implementation of lead controls

Recently, Finland Tukes noted that though it had banned the sale of lead and lead alloys to consumers, some stores and online shops were still selling products which contain lead more than 0.3%. Tukes urged retailers to check whether they are selling lead solders or other lead chemicals in stores or on line, and the chemicals containing lead should not be sold or freely offered.

Lead and its compounds are mainly used for soldering, plating, paint, oil, tinting, lubricants, lead-acid batteries,



electronic ceramics products, packaging materials and various kinds of alloy materials, lead hazardous substances enter our body by water and food, can cause adverse damage on human's kidneys, nerves, immune and cardiovascular systems, they have the characters of carcinogen, deformity and mutation. Major regulations on lead control for reference as below:

| Regulations | Limits | Restricted Scope |
|------------------|--|---|
| RoHS | <0.1% | Homogeneous material of EEE (except the exemptions) |
| REACH-SVHC | <0.1% (weight /weight) | Article |
| CPSIA | Accessible part<0.01% Paint and coating on surface<0.009% | Children products |
| REACH Annex XVII | <0.05% | Jewellery articles , the products children could access or put in mouth |
| Proposition 65 | General limit requirements \cong 0.01% (Case No. CIV 1104003) | Consumer goods |

HCT Solutions

Though lead controls have been implemented for years, there are still illegal sales on the market, and many products have been found containing high level of lead. The reiteration made by Finland Tukes was aimed to remind each manufacturer to strictly control lead content in products. HCT has rich experience in lead content detection and can provide personalized solutions for our customers to help them to cope with the requirements calmly.

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