

Summary

With decreasing use of leaded petrol and the subsequent creation of further restrictions of lead exposure in an urban environment plummeted. Because lead is still available in several types of articles, the reduction of lead in our environment has come to a halt before reaching sufficiently low levels. New EU regulation REACH introduces new rules for the marketing of substances, mixtures and articles on the market. In September 2012, ordered by the European Commission under the REACH proposal banning the use of lead and its compounds in jewelery. It is now proposed to limit lead in products, such as shoes, clothes, accessories, interior decoration, pens and keys.

The objective of the thesis is to inform about the presence of lead in consumer commodities and its dangers. Lead and its compounds are highly toxic and can cause lots of health issues. Especially its neurotoxic effects can affect the development of children nervous system, so it is essential to lower the occurrence of lead in products on the market.