

## REACH Regulation and RoHS Directive

**REACH** Regulation: Registration, Evaluation, Authorisation and Restriction of **C**hemicals

**RoHS** Directive: Restriction of **H**azardous **S**ubstances Directive

On 17 January 2022, the **E**uropean **C**hemicals **A**gency (ECHA) added further substances to the list of substances for possible inclusion in Annex XIV, List of Substances subject to Authorisation, on its website. Thus, the total number of **S**ubstances of **V**ery **H**igh **C**oncern (SVHC) on the list of proposed substances is 223.

REACH requires additional information if an article contains a substance included in the list of proposed substances in a concentration of 0.1% or more by weight::

- Suppliers of a substance or mixture must provide a safety data sheet to the recipient of the substance or mixture.
- Suppliers of articles must provide relevant safety information on the substance to the recipients of these articles. If no specific information is required to allow the safe use of the article containing a substance on the list of substances subject to authorisation, at least the name of the candidate substance must be provided to the recipients.

There are some exemptions for certain groups of equipment, applications, components and materials. The exact list of exemptions can be found in Article 4, Annex III and Annex IV of Directive 2011/65/EU.

Extract (not exhaustive):

- Lead in glass of cathode ray tubes, electronic components and fluorescent tubes
- Lead as an alloying element in steel with a lead content of up to 0.35 weight percent, in aluminium with a lead content of up to 0.4 weight percent and copper alloys with a lead content of up to 4 weight percent.
- Lead in lead bronze bearing shells and bushings.

REACH defines an article as "an object which, during its manufacture, is given a specific shape, surface or construction which determines its function to a greater extent than its chemical composition".

All articles of häuselmann metall GmbH are products according to this definition and do not require safety data sheets.

In general, non-ferrous metal production can be reported as complying with RoHS requirements. häuselmann metall GmbH confirms that the articles it supplies comply with the requirements of Directives 2017/2102/EU (RoHS) and 2015/863/EU (RoHS III).

### Exception:

The lead-containing material CuSn7ZnPb (RG7) does not comply with the directive, as the lead content (Pb) is on average six percent of Cu alloy. Only cast bronzes with a lower lead content, e.g. tin bronze or aluminium bronze, can be considered as a variant. The application purpose is decisive.

**Based on the above and currently available information, the articles of häuselmann metall GmbH comply with both the REACH Regulation and the RoHS Directive.**

All information provided by us is based on the current state of our knowledge and experience. No warranty or liability can be accepted for factors, in particular in the case of further processing, which are beyond our knowledge and control.

Each user must therefore check the intended field of application and the respective intended use on his own responsibility, taking into account any specific features.

Should you have any further questions, please do not hesitate to contact us.

Embrach, November 2023

**häuselmann metall GmbH**



Franz Thür  
Managing Director