

### **REACH Directive EU legislation on chemicals.**

REACH, which stands for Registration, Evaluation, Authorisation and Restriction of Chemical substances, is the name of a regulation (EC no. 1907/2006) from the European Commission that aims to ensure that the 100,000 different types of chemicals used in the EU are documented with regard to safety for humans and the environment. The proposal is significant for all chemicals produced, imported or used in quantities of at least 1 ton annually by a company in an EU member country. For many of the chemicals that are most hazardous to human health and the environment, companies are obliged to use a less hazardous chemical if possible. Our products do not use chemicals that appear on the REACH directive's list of harmful substances with a concentration over 0.1 per cent by weight. Our products contain no chemicals or hazardous substances, and only standard oils and lubricants are used in the production of our springs.

#### **SVHC.**

**No chemicals from the SVHC list are used in our products.**

SVHC is a list containing a number of substances that are especially dangerous, classified separately under REACH (Substances of Very High Concern = SVHC). The list can be found here: [echa.europa.eu/en/candidate-list-table](http://echa.europa.eu/en/candidate-list-table)

### **RoHS Directive.**

(Restriction of Hazardous Substances Directive), 2002/95/EC, is not a law but a regulation that places restrictions on six hazardous substances/materials used in electronic and electrical equipment. This directive is closely associated with the WEEE Directive (Waste Electrical and Electronic Equipment Directive), 2002/96/EC, which sets targets for the collection and/or recycling and/or disposal of electronic and electrical components/materials. This initiative was taken to deal with the growing problems connected with environmental pollution.

RoHS is often referred to as the lead-free directive, but it restricts the use of a total of six substances, listed here: Lead – Mercury – Cadmium – Hexavalent chromium – PBB (Polybrominated biphenyl, a brominated flame retardant) – PBDE (Polybrominated diphenyl ether, a brominated flame retardant).

### **The RoHS 2 Directive**

Five years after the introduction of RoHS, the EU Parliament adopted a new directive known as RoHS 2 on 27 May 2011. The RoHS 2 Directive is the EU's directive no. 2011/65/EU. RoHS is the acronym for Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment.

The RoHS 2 Directive prohibits the use of the following hazardous substances in electrical and electronic equipment sold in the EU from 1 July 2006: Lead – Cadmium – Mercury – Hexavalent chromium (chromium VI) – Polybrominated biphenyls (PBB) – Polybrominated diphenyl ethers (PBDE)

The directive aims to limit the impact on human health and the environment from both the use of electrical and electronic products and their disposal.

### **The RoHS 3 Directive**

Four new substances have been added to the original RoHS 2 list. The new RoHS 3 list valid from 22 July 2019 contains the following substances.

Cadmium (Cd), Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr VI), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)

### **Conclusion:**

We honestly believe that products from Sodemann Industrifjedre A/S do not contain any of the aforementioned substances/materials and that we therefore comply with the RoHS, RoHS 2 and RoHS 3 Directives as well as Reach directive.



Jørgen Sodemann

**SODEMANN Industrifjedre A/S**

Gamma 5, 8382 Hinnerup

Denmark

VAT No. DK20209445

Tlf. +45 86 72 00 99

Fax +45 86 29 97 86

[sif@fjedre.dk](mailto:sif@fjedre.dk)

[www.industrial-springs.com](http://www.industrial-springs.com)