



## ■ Information about RoHS

### **Absence of harmful substances acc. to RoHS-guideline 2002/95/EG as well as the recast of RoHS directive 2011/65/EU and GefStoffV appendix IV-no. 24**

The materials that are to be found in the indicated items are free of harmful substances according to guideline 2002/95/EG as well as the recast of directive 2011/65/EU and according to the dangerous material regulation (GefStoffV) appendix IV no. 24 medium of flame protection. This means that for the following substances based on the guidelines as well as on the customers' requirements of SAB Bröckskes GmbH & Co. KG, the following quantity and content limits were specified, below which a declaration can be dropped:

▶ lead	< 0,1 %
▶ mercury	< 0,1 %
▶ cadmium	< 0,01 %
▶ hexavalent chromium	< 0,1 %
▶ polybrominated biphenyl (PBB)	< 0,1 %
▶ polybrominated diphenyl ether (PBDE)	< 0,1 %
▶ decabromo diphenyl ether (DecaBDE)	< 0,1 %
▶ pentabrominated diphenyl ether	< 0,1 %
▶ octabrominated diphenyl ether	< 0,1 %

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## ■ Information about REACH

### **European regulation for the registration, assessment, admission and limitation of chemical substances (regulation (EC) no. 1907/2006)**

With the help of this regulation for chemicals REACH, it is controlled how and why manufacturers, importing companies, final users and retailers have to examine, assess, declare and register chemical substances. The European Chemicals Agency (ECHA) published a list of especially harmful substances that is subject to a current updating.

The REACH regulation affects mainly manufacturers of raw materials and retailers of chemicals. The company SAB Bröckskes GmbH & Co. KG is as manufacturer of cables and temperature measuring sensors except from a registration acc. to REACH.

After intensive discussions with our raw material suppliers, we can assume acc. to our present state of knowledge that there are no chemicals in our products that are listed as harmful substances (Substances of Very High Concern) in a concentration of more than 0,1% acc. to the current EC list (ECHA-list).

Furthermore, we dispose of safety data sheets for all raw materials and additives that are contained in our products and from which dangers could arise. Those safety data sheets are continuously updated and controlled regarding the adherence to the REACH regulation.

If a substance acc. to REACH is identified that gives reason for concern, we will immediately initiate appropriate measures in order to substitute the material in question.

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## ■ Information about GADSL

### **Global Automotive Declarable Substance List**

The global Automotive Declarable Substance List (GADSL) is a list containing possible harmful substances and defining those by limit values. Thus the GADSL is more extensive than the regulation on forbidden chemicals or the REACH regulation, describing substances that have to be declared or have already been forbidden.

The GADSL is the result of worldwide efforts of industry to harmonize the communication and exchange of information regarding the application of harmful substances with regard to the coming decades. The GADSL aims at simplifying the recycling of the product after its service life.

The Global Automotive Declarable Substance List (GADSL) is a list including substances used in automotive parts. It is the result of the worldwide and long lasting efforts of representatives in automobile industry to simplify communication and information exchange regarding the use of certain chemical pure substances in automotive parts. The GADSL contains forbidden substances as well as those that have to be declared and is a medium to realize further measurements for example the later material recycling of old cars in the EC including the guideline 2000/53/EG.