

Absence of harmful substances **RoHS ▪ REACH ▪ GADSL ▪ conflict metals**

■ Information about RoHS

Absence of harmful substances acc. to RoHS II - directive 2011/65/EU and commission delegated directive (EU) 2015/863 amending annex II to directive 2011/65/EU as well as GefStoffV annex IV - no. 24

The components of the indicated items are free of harmful substances according to directive 2011/65/EU and 2015/863/EU (so-called RoHS III) as well as acc. to the hazardous 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 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 %
▶ di(2-ethylhexyl)phthalate (DEHP)	< 0.1 %
▶ benzyl butyl phthalate (BBP)	< 0.1 %
▶ dibutyl phthalate (DBP)	< 0.1 %
▶ diisobutyl phthalate (DIBP)	< 0.1 %
▶ pentabrominated diphenyl ether	< 0.1 %
▶ octabrominated diphenyl ether	< 0.1 %

■ Information about REACH

European regulation for the registration, assesment, admission and limitation of chemical substances (regulation (EG) no. 1907/2006)

With the help of this regulation for chemicals REACH, it controls how and why manufacturers, importing companies, final users and retailers have to examine, assess, declare and register chemical substances. The European Chemicals Agency (ECHA - European Chemicals Agency) 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.

■ 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 products 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.

■ Declaration for the application of so-called conflict materials

We dispose of written declarations of our sub-suppliers that the products delivered do not contain so-called conflict metals (especially no tin) which were dug in the Democratic Republic of the Congo or its neighboring countries.

The above mentioned indications are based on the information of our wire and strand suppliers.