

E.G.O.

User manual – RoHS, REACH & RSL Communication

Please completely fill in the register „Confirmation“ with the assistance of the drop down button!

Step 1 – RoHS

Please fill in the column „RoHS“ of the register „Confirmation“.

In the register „RoHS_Exemption“ select the exemption if used. Three columns are available for three different exemptions

Supplier	Company	Test				
	Address	Musterstraße				
	Contact person					
	Phone					
	E-Mail					
	E.G.O. supplier number	123				
	KFE No.	100xxx				
	Date					

E.G.O.-Materialnumber	Product name	Producer	Producer Description	RoHS	Are SVHC or substances of Annex XIV of the REACH regulation contained above 0,1 weight-%?	Are substance which are restricted by E.G.O. RSL (SoC) contained above 0,1 weight-%?	Remarks
11112222	Testmaterial	xy	333445				
				10 Conform 50 Not conform 0 Not relevant			

Confirmation		RoHS_exemptions	Substances	Company	Test			
Date								
E.G.O.-Materialnumber	Product name	Producer	Producer Description	Exemption according to RoHS	Exemption according to RoHS	Exemption according to RoHS		
11112222	Testmaterial	xy	333445					
				NO_EX_USED no exemption use				
				3-1A				
				3-1B				
				3-1C				
				3-1D				
				3-1E				
				3-1F				
				3-2A-1				

Step 2 – REACH and E.G.O. Restricted Substance List

If in the columns **F** or **G** of the register „Confirmation“ the drop down button „20 substance contained“ is selected, the register „Substances“ must be filled with the registered CAS number and the description. Three columns are available to fill in three different substances.

Supplier	Company	Test					
	Address	Musterstraße					
	Contact person						
	Phone						
	E-Mail						
	E.G.O. supplier number	123					
	KFE No.	100xxx					
	Date						

E.G.O.-Materialnumber	Product name	Producer	Producer Description	RoHS	Are SVHC or substances of Annex XIV of the REACH regulation contained above 0,1 weight-%?	Are substance which are restricted by E.G.O. RSL (SoC) contained above 0,1 weight-%?	Remarks
11112222	Testmaterial	xy	333445				
					10 Conform (no substance contain)		20 Substance contained

Confirmation

Company	Test						
Date							
E.G.O.-Materialnumber	Product name	Producer	Producer Description	Contained substance CAS-Number	Contained substance Name	Contained substance CAS-Number	Contained substance Name
11112222	Testmaterial	xy	333445				

Substances

RoHS 2011/65/EU

▪ What is RoHS?

- RoHS = Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE).
- The directive includes all components which are assembled in electrical and electronic equipment even if the component does not have an electrical function itself.
- RoHS is a directive of the European Union but other countries have similar regulations.

▪ Restricted Substances

- Restricted substances and maximum concentration values tolerated by weight in homogeneous materials are:
 - Lead, Mercury, Hexavalent chromium, PBB, PBDE 0,1 % = 1000 ppm
 - Cadmium and its compounds 0,01 % = 100 ppm
- Directive 2015/863/EC supplements annex II (restrictions) of the RoHS directive by certain phthalates.
 - DEHP, BBP, DBP, DIBP 0,1 % = 1000 ppm

▪ Exemptions

- Annex III names applications exempted from the restrictions. In these applications the content of the named substance is allowed to exceed the limit. As long as the exemption is valid, the product is still RoHS compliant!

REACH 1907/2006/EG

- **What is REACH?**
 - REACH = Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

- **Restricted Substances**
 - The European Chemicals Agency (ECHA) gives substances listed in the Candidate List priority for inclusion into Annex XIV (List of substances subject to authorization). If a substance is added to Annex XIV, it is given a sunset date. That is the date after which the substance cannot be used or imported into the EU without authorization from the ECHA. An application for authorization can be submitted until 18 months before the sunset date.
 - Substances of very high concern (SVHC) are listed in the Candidate List. The usage of SVHC has to be communicated within the supply chain as from 0,1 weight% (Article 33).

E.G.O. Stoffverbots- und Vermeidungsliste (RSL)

- **What is Material Restricted Substances List (RSL)?**
 - For each individual delivery item and for complete devices the supplier undertakes to comply in every respect with the requirements and obligations relating to substance prohibition in accordance with the respective legal provisions and regulations. The purpose of this list is to safeguard compliance with the present and future regulations affecting the constituent materials of products, components, and packaging and to minimize the use of harmful substances that have not (yet) been banned.
 - The E.G.O. Restricted Substance List gives a simplified survey over the prohibitions and restrictions, within the European Union and in other countries, concerning the sale of hazardous substances. It includes a non-exhausting selection of substances though being relevant for E.G.O.. However, this regulation neither exempts the supplier from the obligation to check substance bans or restrictions on the use of hazardous substances to other statutory provisions, nor to provide information about this.
 - The E.G.O. Restricted Substance List also refers to Substances of Concern (SoC). These are specifically through E.G.O. regulated substances. The use of SoC's has to be communicated to E.G.O. by the supplier. The supplier shall also declare applying exemptions according to RoHS, substances which are contained in Annex XIV of REACH and substances which are contained in the Candidate List (REACH) of substances of very high concern (SVHC) for Authorisation (>0,1 weight-%).