







Table 3 Special toxic characteristics (long-term effect)

Danger symbol	Danger identifier	Danger considerations (R-Sentences) Selection according to Appendix I GefStoffV		Identification letter
 Giftig	Carcinogenically	R 45 R 49	Can generate cancer. Can generate cancer at inhalation. Effect only in case of inhalation, then stands R 49 instead of R 45 Category 1: Materials, known to have carcinogenic effects on humans. Category 2: Materials, which should be regarded as carcinogenic for humans.	T
 Gesundheits-schädlich	Carcinogenically	R 40	Irreversible damage possible Category 3: Materials, which cause concern because of possible carcinogenic effect on humans, about which however there is no sufficient information for a satisfactory evaluation, in order to classify the material under the category 2.	Xn
 Giftig	Hereditaryproper ty-changing	R 46	Can cause inheriting damages. Category 1: Materials, known to provoke inheriting damage effects on humans. Category 2: Materials, which should be regarded as provoking inheriting damage for humans.	T
 Gesundheits-schädlich	Hereditaryproper ty-changing	R 40	Irreversible damage possible Category 3: Materials, which cause concern about the change of hereditary properties of humans,	Xn
 Giftig	Reproduction endangering (reproduction-toxic)	R 60 R 61	Can affect the fertility Can damage the child in the nut/mother body. Category 1: Materials, known to provoke reproduction endangering effects on humans. Category 2: Materials, which should be regarded as provoking reproduction endangering for humans.	T
 Gesundheits-schädlich	Reproduction endangering (reproduction-toxic)	R 62 R 63	Possibly can affect the fertility. Possible damage of the child in the nut/mother body. Category 3: Materials, which cause concern about possible reproduction endangering effects on humans, and about which however there is no sufficient information for a satisfactory evaluation, in order to classify the material under the category 2.	Xn