





Eka Miller/shutterstock.com

Regulations on harmful substances in textiles, clothing and leather products

(01/2018)

 TÜVRheinland CERTIFIED	Tested for Harmful Substances	
	www.tuv.com ID 5000000000	

www.tuv.com

 **TÜVRheinland**[®]
Precisely Right.

Table of contents

	1	PROHIBITED AZO DYES
07	1.1	General Information
09	1.2	Penologic consequences
09	1.3	Test methods
12	1.4	Sources of / reasons for contaminations
12	1.5	Critical components
12	1.6	Health risks
13	1.7	Regulations on prohibited azo dyes
	2	ALLERGENIC DISPERSE DYES AND CARCINOGENIC DYES
14	2.1	General Information
16	2.2	Penologic consequences
16	2.3	Sources of / reasons for contamination
17	2.4	Critical components
17	2.5	Health risks
17	2.6	Regulation on allergenic disperse dyes and carcinogenic dyes
	3	PENTACHLORPHENOL (PCP)
18	3.1	General Information
18	3.2	Test methods
18	3.3	Sources of / reasons for contamination
18	3.4	Critical components
18	3.5	Health risks
18	3.6	Regulations on PCP
	4	TRICHLORPHENOLS (TRICP) AND TETRACHLORPHENOLS (TECP)
21	4.1	General Information
21	4.2	Regulations for TriCP and TeCP
	5	FORMALDEHYDE
22	5.1	General Information
22	5.2	Test methods
22	5.3	Sources of / reasons for contamination
22	5.4	Critical components
23	5.5	Health risks
23	5.6	Regulations on formaldehyde

	6	FLAME RETARDANT SUBSTANCES
24	6.1	General information
25	6.2	Test methods
25	6.3	Critical components
25	6.4	Health risks
25	6.5	Regulations on flame retardants
	7	PHTHALIC ACID ESTER (PLASTICIZERS)
27	7.1	General information
29	7.2	Test methods
29	7.3	Critical components
29	7.4	Health risks
29	7.5	Regulations on Phthalates
	8	NICKEL IN METALLIC COMPONENTS
31	3.1	General information
32	3.2	Test methods
33	3.3	Critical components
33	3.4	Health risks
33	3.5	Regulations on nickel
	9	CADMIUM AND ITS COMPOUNDS
34	9.1	General information
35	9.2	Test methods
35	9.3	Sources of / reasons for contamination
35	9.4	Critical components
35	9.5	Health risks
36	9.6	Regulations on cadmium
	10	LEAD
37	10.1	General information
38	10.2	Test methods
38	10.3	Critical components
38	10.4	Health risks
39	10.5	Regulations on lead
	11	CHROMIUM(VI) COMPOUNDS
40	11.1	General information
40	11.2	Test methods
40	11.3	Sources of / reasons for contamination
40	11.4	Critical components
41	11.5	Health risks
41	11.6	Regulations on Chromium VI

12 HEAVY METALS, SOLUBLE

- 42** 12.1 General information
- 42** 12.2 Test methods
- 42** 12.3 Sources of / reasons for contamination
- 42** 12.4 Critical components
- 42** 12.5 Health risks
- 43** 12.6 Regulations on soluble heavy metals in products

13 TBT AND OTHER ORGANOTIN COMPOUNDS

- 44** 13.1 General information
- 45** 13.2 Test methods
- 45** 13.3 Sources of / reasons for contamination
- 45** 13.4 Critical components
- 46** 13.5 Health risks
- 46** 13.6 Regulations on organotin compounds

14 PAH – POLYCYCLIC AROMATIC HYDROCARBONS IN RUBBER AND PLASTIC PRODUCTS

- 47** 14.1 General information
- 47** 14.2 Test methods
- 48** 14.3 Health risks
- 49** 14.4 Sources of / reasons for contamination
- 50** 14.5 Critical components
- 50** 14.6 Regulations on PAH

15 AP (NP, OP) AND APEO (NPEO AND OPEO)

- 52** 15.1 General information
- 52** 15.2 Test methods
- 52** 15.3 Health risks
- 53** 15.4 Sources of / reasons for contamination
- 53** 15.5 Critical components
- 53** 15.6 Regulations on NPEO and OPEO

16 PFC – PER- AND POLYFLUORINATED CHEMICALS (PFOS/PFOA)

- 54** 16.1 General information
- 55** 16.2 Test methods
- 55** 16.3 Health risks
- 55** 16.4 Sources of / reasons for contamination
- 55** 16.5 Critical components
- 56** 16.6 Regulations on PFOS/PFOA

	17	DIMETHYLFORMAMIDE (DMF)
56	17.1	General information
56	17.2	Test methods
56	17.3	Health risks
56	17.4	Sources of / reasons for contamination
56	17.5	Critical components
57	17.6	Regulations on Dimethylformamide
	18	DIMETHYLFUMARATE (DMFU)
58	18.1	General information
58	18.2	Test methods
58	18.3	Health risks
58	18.4	Sources of / reasons for contamination
58	18.5	Critical components
59	18.6	Regulations on Dimethylfumarate
	19	SHORT-CHAINED CHLORINATED PARAFFINS
60	19.1	General information
60	19.2	Test methods
60	19.3	Health risks
61	19.4	Sources of / reasons for contamination
61	19.5	Critical components
61	19.6	Regulations on short-chained chlorinated paraffins
	20	IMPLEMENTATION OF SAMPLING
62	20	Implementation of sampling, analysis, physical checks and inspections
	21	DISCLAIMER
62	21	Disclaimer

Order

PER FAX +49 (0) 221 806-2882 OR
E-MAIL SANDRA.SCHOENEICH@DE.TUV.COM

- Herewith we order the Brochure:
„Regulations on Harmful Substances in Textiles and Leather Products“ (01/2018)
price: 49,90 EUR (plus VAT)
language: english

Please choose:

- printed version
 digital version (PDF to e-mail address)

Company name

Contact Person

Street, number

Tel.

Zip code

Fax

Place

E-Mail

Customer No. (if available)

VAT No.

date, contact person

company stamp, signature

We refer to the terms and conditions of TÜV Rheinland LGA Products GmbH.

TÜV Rheinland
LGA Products GmbH
Tillystr. 2
90431 Nuremberg, Germany
Tel. 0911 655-5225
Fax 0911 655-5226
service@de.tuv.com

www.tuv.com

 **TÜVRheinland**®
Precisely Right.

® TÜV, TÜEV and TUV are registered trademarks. Utilisation and application requires prior approval.