



January 2012

Dear Ladies and Gentlemen,

First of all we would like to thank you most sincerely for the harmonious relationship we have enjoyed during the past year.

In addition, we like to introduce the latest amendments of the requirements in the Oeko-Tex® Standard 100. This routine update, published 1st January 2012, is based on continues monitoring of the market, new scientific knowledge and consideration of the REACH legislation, including the SVHC substances relevant to textile manufacturing. The new regulations will come into force on 01.04.2012 after a transition period of three months:

- The parameter Plasticisers has been expanded with following new **phthalates**: Di-C6-8-chain alkyl phthalates, Di-C7-11-chain alkyl phthalates, Di-n-hexyl phthalates (DHP) and Bis-(2-methoxyethyl)-phthalates. These substances are added to the phthalates already listed in the Oeko-Tex Standard 100. The total limit value of 0.1 % weight by weight remains unchanged.
- **Leather** articles in **product class IV** can be certified according to Oeko-Tex® Standard 100 if the extractable chromium content is below the limit value of < 10 mg/kg. This exception to the usual chromium limit values for textile articles corresponds to the best available technology on the market at the current time and does not pose any toxicological risk when such products are used as intended.
- With the new parameter **Solvent Residues** (covering 1-Methyl-2-pyrrolidone (NMP) and N,N-Dimethylacetamide (DMAc) wet-spun synthetic fibre and coatings will be tested on solvent residues. The limit value is 0.1% weight by weight. This is in reference to the current version of the REACH candidate list.
- In analogy to the existing ban on the surfactants **Alkylphenol ethoxylates (APEO)** within the scope of certification of environmentally-friendly production sites according to OEKO-TEX® Standard 1000, the testing for Nonylphenols, Nonylphenol-(1-9)-ethoxylates, Octylphenols and Octylphenol-(1-2)-ethoxylates will in future also be implemented in the product certification according to OEKO-TEX® Standard 100. The newly proposed limit values for this class of chemicals are:
 - Nonylphenol: 100 mg/kg
 - Octylphenol: 100 mg/kg
 - Total Nonylphenol (1-9) ethoxylates: 1000 mg/kg
 - Total Octylphenol (1-2) ethoxylates: 1000 mg/kg

The tests begin with the publication of the new Standard. In order to allow companies an adequate time frame to implement any necessary changes in their production, the requirements will only come into force definitively after a transition period on 1 April 2013. This regulation does not apply to companies certified according to OEKO-TEX® Standard 1000, as they already comply with the required criteria.

The new requirements of the Oeko-Tex® Standard 100 are available as download on the website www.testex.com together with the updated application forms for certification.

Moreover we like to inform that TESTEX is the first provider of proficiency tests for textiles and textile-related products worldwide to be accredited by the Swiss Accreditation Service (SAS) under the new ISO/IEC 17043 standard (Conformity assessment - General requirements for proficiency testing). The audit was conducted in April 2011 and accreditation was awarded on 25 November 2011 with accreditation No. SPTS 002. Its scope is defined in the official directory of accredited providers of round robin tests, in which the individual tests performed in the four round robin tests are listed. Participation in the round robin test "Colour Fastness" might be very helpful for your assurance of quality control testing.

Please do not hesitate to contact us, if you have any further questions.

Yours faithfully,



TESTEX®

TESTEX AG, Swiss Textile Testing Institute
Gotthardstrasse 61, P. O. Box 2156, CH-8027 Zürich
Phone 41 44 206 42 42, Fax 41 44 206 42 30
zuerich@testex.com www.testex.com

Anhang / Appendix / 附录 4**Grenzwerte und Echtheiten, Teil 1 / Limit values and fastness, part 1 / 限量值和色牢度, 第一部分**

(Die Prüfverfahren sind in einem separaten Dokument beschrieben / The testing procedures are described in a separate document / 测试方法描述于其他文件)

Produktklasse / Product Class / 产品级别	I Baby / 婴儿	II mit Hautkontakt / in direct contact with skin / 直接接触皮肤	III ohne Hautkontakt / with no direct contact with skin / 不直接接触 皮肤	IV Ausstattungsmaterialie n / Decoration material / 装饰材料
pH-Wert / pH value / 酸碱值 ¹	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyd / Formaldehyde / 甲醛 [mg/kg]				
Law 112 / 112 法	n.d. ²	75	300	300
Extrahierbare Schwermetalle / Extractable heavy-metals / 可萃取的重金属 [mg/kg]				
Sb (Antimon / Antimony / 锑)	30.0	30.0	30.0	
As (Arsen / Arsenic / 砷)	0.2	1.0	1.0	1.0
Pb (Blei / Lead / 铅)	0.2	1.0 ³	1.0 ³	1.0 ³
Cd (Cadmium / 镉)	0.1	0.1	0.1	0.1
Cr (Chrom / Chromium / 铬)	1.0	2.0	2.0	2.0 ⁴
Cr(VI) 铬(六价)	nicht nachweisbar / under detection limit / 检测限值以下 ⁵			
Co (Cobalt / 钴)	1.0	4.0	4.0	4.0
Cu (Kupfer / Copper / 铜)	25.0 ⁶	50.0 ⁶	50.0 ⁶	50.0 ⁶
Ni (Nickel / 镍) ⁷	1.0	4.0	4.0	4.0
Hg (Quecksilber / Mercury / 汞)	0.02	0.02	0.02	0.02
Schwermetalle im Aufschluss / Heavy metals in digested sample / 被消解样品中的重金属 [mg/kg] ⁸				
Pb (Blei / Lead / 铅)	90.0	90.0 ³	90.0 ³	90.0 ³
Cd (Cadmium / 镉)	50.0	100.0 ³	100.0 ³	100.0 ³
Pestizide / Pesticides / 杀虫剂 [mg/kg] ⁹				
inkl. / incl. PCP/TeCP 总计 ¹⁰	0.5	1.0	1.0	1.0
Chlorierte Phenole / Chlorinated phenols / 氯化苯酚 [mg/kg] ¹⁰				
Pentachlorphenol (PCP) 五氯苯酚	0.05	0.5	0.5	0.5
Tetrachlorphenol (TeCP), Summe / Sum / 总计	0.05	0.5	0.5	0.5

¹ Ausnahmen für Produkte, die zwingend einer nachfolgenden Nassbehandlung unterworfen werden müssen: 4.0 - 10.5; für Schaumstoffe: 4.0 - 9.0; Lederprodukte der Produktklasse IV (beschichtet oder laminiert): 3.5 - 9.0 / Exceptions for products which must be treated wet during the further processing: 4.0 - 10.5; for foams: 4.0 - 9.0; for leather products in product class IV (coated or laminated): 3.5 - 9.0 / 例外的情况: 后续加工必需经过湿处理的产品: 4.0-10.5; 海绵制品: 4.0-8.5; 第 IV 级别带有涂层或层压的皮革制品: 3.5-9.0

² n.d. entspricht bei der Prüfung nach „Japanese Law 112“ einer Absorptionseinheit kleiner 0.05 bzw. <16 mg/kg / n.d. corresponds according to „Japanese Law 112“ test method with an absorbance unit less than 0.05 resp. <16 mg/kg / 此处不得检出 (n.d.) 是指使用 [日本 112 法] 中规定的吸收测试法应小于 0.05 吸收率单位, 即应少于 16mg/kg

³ Keine Anforderung für Zubehöre aus Glas / No requirement for accessories made from glass / 对于用玻璃制成的辅料无此要求

⁴ Für Lederartikel 10.0 mg/kg / For leather articles 10.0 mg/kg / 对于皮革类产品 10.0 mg/kg

⁵ Bestimmungsgrenzen: für Cr(VI) 0.5 mg/kg, für Arylamine 20 mg/kg, für Farbstoffe 50 mg/kg / Quantification limits: for Cr(VI) 0.5 mg/kg, for arylamines 20 mg/kg, for dyestuffs 50 mg/kg / 定量限值: 六价铬 Cr(VI) 0.5 mg/kg, 禁用的芳香胺 20mg/kg, 禁用的染料 50mg/kg

⁶ Keine Anforderung für Zubehöre aus anorganischen Materialien / No requirement for accessories made from inorganic materials / 对于无机材料制成的辅料无此要求

⁷ Inklusive der Anforderungen der EG-Richtlinie 94/27/EG / Including the requirement by EC-Directive 94/27/EC / 包含了 EC-Directive 94/27/EC 中对该项目的要求

⁸ Für alle nicht textilen Zubehöre und Bestandteile, sowie für spinndüsengefärbte Fasern und Artikel die Pigmente enthalten / Applicable to all non textile accessories and components as well as for spun dyed fibres and articles containing pigments / 针对所有非纺织辅料和组成部分, 以及在纺丝时加入着色剂生产的有色纤维和含有涂料的产品

⁹ Nur für native Fasern / For natural fibres only / 仅适用于天然纤维

¹⁰ Die Einzelsubstanzen sind in Anhang 5 aufgelistet / The individual substances are listed in Appendix 5 / 具体物质列在附录中

Grenzwerte und Echtheiten, Teil 2 / Limit values and fastness, part 2 / 限量值和色牢度, 第二部分

(Die Prüfverfahren sind in einem separaten Dokument beschrieben / The testing procedures are described in a separate document / 测试方法描述于其他文件)

Produktklasse / Product Class / 产品级别	I Baby / 婴儿	II mit Hautkontakt / in direct contact with skin / 直接接触皮肤	III ohne Hautkontakt / with no direct contact with skin / 不直接接触 皮肤	IV Ausstattungsmaterialie n / Decoration material / 装饰材料
Phthalate / Phthalates / 邻苯二甲酸酯 [w-%] ¹¹				
DINP, DNOP, DEHP, DIDP, BBP, DBP, DIBP, DIHP, DHNUP, DHP, DMEP, Summe / Sum / 总计 ¹⁰	0.1			
DEHP, BBP, DBP, DIBP, DIHP, DHNUP, DHP, DMEP, Summe / Sum / 合計 ¹⁰		0.1	0.1	0.1
Zinnorganische Verbindungen / Organic tin compounds / 有机锡化合物 [mg/kg] ¹⁰				
TBT 三丁基锡化合物	0.5	1.0	1.0	1.0
TPhT 三苯基锡化合物	0.5	1.0	1.0	1.0
DBT 二丁基锡化合物	1.0	2.0	2.0	2.0
DOT 二辛基锡化合物	1.0	2.0	2.0	2.0
Andere Rückstandschemikalien / Other chemical residues / 其他残余化学物质				
Orthophenylphenol (OPP) 邻苯基苯酚 [mg/kg]	50.0	100.0	100.0	100.0
Arylamine / Arylamines / 芳香胺 [mg/kg] ^{10,12}	keine / none / 没有 ⁵			
PFOS 全氟辛烷磺酰基化合物 [µg/m ²] ^{10,13}	1.0	1.0	1.0	1.0
PFOA 全氟辛酸 [mg/kg] ^{10,13}	0.1	0.25	0.25	1.0
Short Chained Chlorinated Paraffins (SCCP) 短链 氯化石蜡 [w-%]	0.1	0.1	0.1	0.1
Tris(2-chloroethyl)phosphate (TCEP) 三(2-氯乙基) 磷酸酯 [w-%]	0.1	0.1	0.1	0.1
Farbstoffe / Colorants / 染料				
Abspaltbare Arylamine / Cleavable arylamines / 可 分解芳香胺类 ¹⁰	nicht verwendet / not used / 不得使用 ⁵			
Krebserregende / Carcinogens / 致癌物 ¹⁰	nicht verwendet / not used / 不得使用			
Allergisierende / Allergens / 致敏物 ¹⁰	nicht verwendet / not used / 不得使用 ⁵			
Andere / Others / 其他 ¹⁰	nicht verwendet / not used / 不得使用 ⁵			
Chlorierte Benzole und Toluole / Chlorinated benzenes and toluenes / 氯化苯和氯化甲苯 [mg/kg] ¹⁰				
Summe / Sum / 总计	1.0	1.0	1.0	1.0
Polycyclische aromatische Kohlenwasserstoffe (PAK) / Polycyclic aromatic hydrocarbons (PAH) / 多环芳烃 [mg/kg] ¹⁴				
Benzo[a]pyren / Benzo[a]pyrene / 苯并[a]芘 ^{12,14}	1.0	1.0	1.0	1.0
Summe / Sum / 总计 ¹⁰	10.0	10.0	10.0	10.0
Biologisch aktive Produkte / Biological active products / 生物活性产品				
	keine / none / 没有 ¹⁵			
Flammhemmende Produkte / Flame retardant products / 阻燃产品				
Generell / General / 总体	keine / none / 没有 ¹⁵			
PBB, TRIS, TEPA, pentaBDE, octaBDE, DecaBDE, HBCDD, SCCP, TCEP ¹⁰	nicht verwendet / not used / 不得使用			

¹¹ Für beschichtete Artikel, Plastisol Drucke, flexible Schaumstoffe und Zubehöre aus Kunststoff / For coated articles, plastisol prints, flexible foams, and accessories made from plastics / 适用于涂层产品、塑料溶胶印花、柔软泡绵和塑料附件

¹² Für sämtliche Materialien, die Polyurethan enthalten / For all materials containing polyurethane / 适用于所有含有聚氨酯的材料

¹³ Für sämtliche Materialien mit einer wasser- und ölabweisenden Ausrüstung oder Beschichtung / For all materials with a water and oil repellent finish or coating / 适用于所有做过防水、防油后整理和涂层处理的材料

¹⁴ Für sämtliche synthetischen Fasern, Garne und Zwirne sowie für Materialien aus Kunststoff / For all synthetic fibres, yarns, or threads and for plastic materials / 适用于合成纤维、纱线或缝纫线以及塑胶材料

¹⁵ Ausser Behandlungen, welche von Oeko-Tex® akzeptiert werden (siehe aktuelle Liste auf <http://www.oeko-tex.com>) / With exception of treatments accepted by Oeko-Tex® (see actual list on <http://www.oeko-tex.com>) / 除了被 Oeko-Tex® 所接受的处理方法(详见 <http://www.oeko-tex.com> 网站发布的现行有效目录)

Grenzwerte und Echtheiten, Teil 3 / Limit values and fastness, part 3 / 限量值和色牢度, 第三部分

(Die Prüfverfahren sind in einem separaten Dokument beschrieben / The testing procedures are described in a separate document / 测试方法描述于其他文件)

Produktklasse / Product Class / 产品级别	I Baby / 婴儿	II mit Hautkontakt / in direct contact with skin / 直接接触皮肤	III ohne Hautkontakt / with no direct contact with skin / 不直接接触 皮肤	IV Ausstattungsmaterialie n / Decoration material / 装饰材料
Lösemittelrückstände / Solvent residues / 残余溶剂 [w-%] ¹⁶				
NMP	0.1	0.1	0.1	0.1
DMAc	0.1	0.1	0.1	0.1
Tensid-, Netzmittelrückstände / Surfactant, wetting agent residues / 残余表面活性剂, 润湿剂 [w-%] ¹⁷				
OP	0.01	0.01	0.01	0.01
NP	0.01	0.01	0.01	0.01
OP(EO) ₁₋₂	0.1	0.1	0.1	0.1
NP(EO) ₁₋₉	0.1	0.1	0.1	0.1
Farbechtheiten (Anbluten) / Colour fastness (staining) / 色牢度 (沾色)				
Wasserechtheit / To water / 耐水	3	3	3	3
Schweissechtheit, sauer / To acidic perspiration / 耐酸性汗液	3 - 4	3 - 4	3 - 4	3 - 4
Schweissechtheit, alkalisch / To alkaline perspiration / 耐碱性汗液	3 - 4	3 - 4	3 - 4	3 - 4
Reibechtheit, trocken / To rubbing, dry / 耐干摩擦 ^{18,19}	4	4	4	4
Speichel- und Schweissechtheit / To saliva and perspiration / 耐唾液和汗液	echt / fast / 牢固			
Emission leichtflüchtiger Komponenten / Emission of volatiles / 可挥发物释放量 [mg/m³] ²⁰				
Formaldehyde 甲醛 [50-00-0]	0.1	0.1	0.1	0.1
Toluene 甲苯 [108-88-3]	0.1	0.1	0.1	0.1
Styrene 苯乙烯 [100-42-5]	0.005	0.005	0.005	0.005
Vinylcyclohexene 乙烯基环己烷 [100-40-3]	0.002	0.002	0.002	0.002
4-Phenylcyclohexene 苯基环己烷 [4994-16-5]	0.03	0.03	0.03	0.03
Butadiene 丁二烯 [106-99-0]	0.002	0.002	0.002	0.002
Vinylchloride 氯乙烯 [75-01-4]	0.002	0.002	0.002	0.002
Aromatische Kohlenwasserstoffe / Aromatic hydrocarbons / 芳香烃	0.3	0.3	0.3	0.3
Flüchtige organische Stoffe / Organic volatiles / 有 机挥发物	0.5	0.5	0.5	0.5
Geruchsprüfung / Determination of odours / 气味测定				
Generell / General / 总体	kein aussergewöhnlicher Geruch / no abnormal odour / 无异味 ²¹			
SNV 195 651 (Modifiziert / Modified / 经修正) ²⁰	3	3	3	3
Verbotene Fasern / Banned fibres / 禁用纤维				
Asbest / Asbestos / 石棉纤维	nicht verwendet / not used / 不得使用			

¹⁶ Für nass versponnene Fasern und beschichtete Artikel / For wet spun fibres and coated articles / 对湿式纺纱纤维及有涂层的产品

¹⁷ Wird erst ab 1.4.2013 bei der Zertifizierung berücksichtigt / Will be considered for certification only after 1.4.2013 / 将于2013年4月1日后才被考虑列入认证范围

¹⁸ Keine Anforderungen für 'wash-out' - Artikel / No requirements for 'wash-out' - articles / 对于后续加工有“洗水处理”的产品没有此项要求

¹⁹ Bei Pigment-, Küpen- oder Schwefelfarbstoffen ist eine Mindest-Reibechtheitszahl trocken von 3 zulässig / For pigment, vat or sulphurous colorants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable / 对于颜料、还原染料或者硫化染料, 耐干摩擦的最小色牢度级别应为3级

²⁰ Nur für textile Fussbodenbeläge, Matratzen sowie Schaumstoffe und grosse beschichtete Artikel, die nicht für Kleidung verwendet werden / For textile carpets, mattresses as well as foams and large coated articles not being used for clothing / 适用于纺织地毯, 床垫和不适用于服装的泡绵和大型涂层产品

²¹ Kein Geruch nach Schimmel, Schwerbenzin, Fisch, Aromaten oder Geruchsveredlern / No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume / 无霉味, 无高沸点汽油裂解气味, 无鱼腥味, 无芳香或香水气味

Anhang / Appendix / 附录 5**Auflistung der Einzelsubstanzen / Compilation of the individual substances / 有害物质列表****Pestizide / Pesticides / 杀虫剂**

Name	CAS-Nr.	Name	CAS-Nr.
2,4,5-T	93-76-5	Fenvalerate	51630-58-1
2,4-D	94-75-7	Heptachlor	76-44-8
Azinophosmethyl	86-50-0	Heptachloroepoxide	1024-57-3
Azinophosethyl	2642-71-9	Hexachlorobenzene	118-74-1
Aldrine	309-00-2	Hexachlorcyclohexane, α -	319-84-6
Bromophos-ethyl	4824-78-6	Hexachlorcyclohexane, β -	319-85-7
Captafol	2425-06-1	Hexachlorcyclohexane, δ -	319-86-8
Carbaryl	63-25-2	Isodrine	465-73-6
Chlordane	57-74-9	Kelevane	4234-79-1
Chlordimeform	6164-98-3	Kepone	143-50-0
Chlorfenvinphos	470-90-6	Lindane	58-89-9
Coumaphos	56-72-4	Malathion	121-75-5
Cyfluthrin	68359-37-5	MCPA	94-74-6
Cyhalothrin	91465-08-6	MCPB	94-81-5
Cypermethrin	52315-07-8	Mecoprop	93-65-2
DEF	78-48-8	Metamidophos	10265-92-6
Deltamethrin	52918-63-5	Methoxychlor	72-43-5
DDD	53-19-0, 72-54-8	Mirex	2385-85-5
DDE	3424-82-6, 72-55-9	Monocrotophos	6923-22-4
DDT	50-29-3, 789-02-6	Parathion	56-38-2
Diazinon	333-41-5	Parathion-methyl	298-00-0
Dichlorprop	120-36-2	Perthane	72-56-0
Dicrotophos	141-66-2	Phosdrin/Mevinphos	7786-34-7
Dieldrine	60-57-1	Propethamphos	31218-83-4
Dimethoate	60-51-5	Profenophos	41198-08-7
Dinoseb and salts	88-85-7	Quinalphos	13593-03-8
Endosulfan, α -	959-98-8	Strobane	8001-50-1
Endosulfan, β -	33213-65-9	Telodrine	297-78-9
Endrine	72-20-8	Toxaphene	8001-35-2
Esfenvalerate	66230-04-4	Trifluralin	1582-09-8

Chlorierte Phenole / Chlorinated phenols / 氯化苯酚

Name	CAS-Nr.	Name	CAS-Nr.
Pentachlorophenol	87-86-5	2,3,4,6-Tetrachlorphenol	58-90-2
2,3,5,6-Tetrachlorphenol	935-95-5	2,3,4,5-Tetrachlorphenol	4901-51-3

Phthalate / Phthalates / 邻苯二甲酸酯

Name	CAS-Nr.	Acronym
Di-iso-nonylphthalate	28553-12-0, 68515-48-0	DINP
Di-n-octylphthalate	117-84-0	DNOP
Di-(2-ethylhexyl)-phthalate	117-81-7	DEHP
Di-isodecylphthalate	26761-40-0, 68515-49-1	DIDP
Butylbenzylphthalate	85-68-7	BBP
Dibutylphthalate	84-74-2	DBP
Di-iso-butylphthalate	84-69-5	DIBP
Di-C6-8-branched alkylphthalates	71888-89-6	DIHP
Di-C7-11-branched alkylphthalates	68515-42-4	DHNUP
Di-n-hexylphthalate	84-75-3	DHP
Di-(2-methoxyethyl)-phthalate	117-82-8	DMEP

Zinnorganische Verbindungen / Organic tin compounds / 有机锡化合物

Name	Acronym	Name	Acronym
Tributyltin	TBT	Dibutyltin	DBT
Triphenyltin	TPhT	Diocetyl tin	DOT

Arylamine mit kanzerogenen Eigenschaften / Arylamines having carcinogenic properties / 具有致癌性的芳香胺

Name	CAS-Nr.	Name	CAS-Nr.
<u>MAK III, category 1</u>		<u>MAK III, category 1</u>	
4-Aminobiphenyl	92-67-1	4-Chloro-o-toluidine	95-69-2
Benzidine	92-87-5	2-Naphthylamine	91-59-8
<u>MAK III, category 2</u>		<u>MAK III, category 2</u>	
o-Aminoazotoluene	97-56-3	4,4'-Methylene-bis- (2-chloroaniline)	101-14-4
2-Amino-4-nitrotoluene	99-55-8	4,4'-Oxydianiline	101-80-4
p-Chloroaniline	106-47-8	4,4'-Thiodianiline	139-65-1
2,4-Diaminoanisole	615-05-4	o-Toluidine	95-53-4
4,4'-Diaminobiphenylmethane	101-77-9	2,4-Toluyldiamine	95-80-7
3,3'-Dichlorobenzidine	91-94-1	2,4,5-Trimethylaniline	137-17-7
3,3'-Dimethoxybenzidine	119-90-4	o-Anisidine (2-Methoxyanilin)	90-04-0
3,3'-Dimethylbenzidine	119-93-7	2,4-Xylidine	95-68-1
3,3'-Dimethyl-4,4'- diaminobiphenylmethane	838-88-0	2,6-Xylidine	87-62-7
p-Cresidine	120-71-8	4-Aminoazobenzene	60-09-3

Als krebserregend eingestufte Farbstoffe / Dyestuffs classified as carcinogenic / 致癌染料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Acid Red 26	C.I. 16 150	3761-53-3
C.I. Basic Red 9	C.I. 42 500	569-61-9
C.I. Basic Violet 14	C.I. 42 510	632-99-5
C.I. Direct Black 38	C.I. 30 235	1937-37-7
C.I. Direct Blue 6	C.I. 22 610	2602-46-2
C.I. Direct Red 28	C.I. 22 120	573-58-0
C.I. Disperse Blue 1	C.I. 64 500	2475-45-8
C.I. Disperse Orange 11	C.I. 60 700	82-28-0
C.I. Disperse Yellow 3	C.I. 11 855	2832-40-8

Als allergisierend eingestufte Farbstoffe / Dyestuffs classified as allergenic / 致敏染料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Disperse Blue 1	C.I. 64 500	2475-45-8
C.I. Disperse Blue 3	C.I. 61 505	2475-46-9
C.I. Disperse Blue 7	C.I. 62 500	3179-90-6
C.I. Disperse Blue 26	C.I. 63 305	
C.I. Disperse Blue 35		12222-75-2
C.I. Disperse Blue 102		12222-97-8
C.I. Disperse Blue 106		12223-01-7
C.I. Disperse Blue 124		61951-51-7
C.I. Disperse Brown 1		23355-64-8
C.I. Disperse Orange 1	C.I. 11 080	2581-69-3
C.I. Disperse Orange 3	C.I. 11 005	730-40-5
C.I. Disperse Orange 37	C.I. 11 132	
C.I. Disperse Orange 76	C.I. 11 132	
C.I. Disperse Red 1	C.I. 11 110	2872-52-8
C.I. Disperse Red 11	C.I. 62 015	2872-48-2
C.I. Disperse Red 17	C.I. 11 210	3179-89-3
C.I. Disperse Yellow 1	C.I. 10 345	119-15-3
C.I. Disperse Yellow 3	C.I. 11 855	2832-40-8
C.I. Disperse Yellow 9	C.I. 10 375	6373-73-5
C.I. Disperse Yellow 39		
C.I. Disperse Yellow 49		

Weitere verbotene Farbstoffe / Other banned dyestuffs / 其他禁用染料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Disperse Orange 149		85136-74-9
C.I. Disperse Yellow 23	C.I. 26 070	6250-23-3

Chlorierte Benzole und Toluole / Chlorinated benzenes and toluenes / 氯化苯及氯化甲苯

Dichlorobenzenes	Chlorotoluenes
Trichlorobenzenes	Dichlorotoluenes
Tetrachlorobenzenes	Trichlorotoluenes
Pentachlorobenzenes	Tetrachlorotoluenes
Hexachlorobenzene	Pentachlorotoluene

Polycyclische aromatische Kohlenwasserstoffe (PAK) / Polycyclic aromatic hydrocarbons (PAH) / 多环芳香烃

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Acenaphtene	83-32-9	Chrysene	218-01-9
Acenaphthylene	208-96-8	Dibenz[a,h]anthracene	53-70-3
Anthracene	120-12-7	Fluoranthene	206-44-0
Benzo[a]anthracene	56-55-3	Fluorene	86-73-7
Benzo[a]pyrene	50-32-8	Indeno[1,2,3-cd]pyrene	193-39-5
Benzo[b]fluoranthene	205-99-2	Naphthalene	91-20-3
Benzo[ghi]perylene	191-24-2	Phenanthrene	85-01-8
Benzo[k]fluoranthene	207-08-9	Pyrene	129-00-0

Verbotene flammhemmende Substanzen Name / Forbidden flame retardant substances Name / 禁用阻燃物质

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Polybrominated biphenyles	59536-65-1	PBB
Tri-(2,3-dibromopropyl)-phosphate	126-72-7	TRIS
Tris-(aziridinyl)-phosphin oxide)	545-55-1	TEPA
Pentabromodiphenylether	32534-81-9	penta BDE
Octabromodiphenylether	32536-52-0	octaBDE
Decabromodiphenylether	1163-19-5	decaBDE
Hexabromocyclododecane	25637-99-4	HBCDD
Short chain chlorinated paraffins (C10 - C13)	85535-84-8	SCCP
Tris(2-chloroethyl)phosphate	115-96-8	TCEP

Lösemittelrückstände / Solvent residues / 残余溶剂

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
1-Methyl-2-pyrrolidone	872-50-4	NMP
N,N-Dimethylacetamide	27-19-5	DMAc

Tensid-, Netzmittlrückstände / Surfactant, wetting agent residues / 残余表面活性剂, 润湿剂

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Nonylphenol	various	NP
Octylphenol	various	OP
Octylphenoethoxlates	various	OP(EO) ₁₋₂
Nonylphenoethoxlates	various	NP(EO) ₁₋₉

PFOS/PFOA / PFOS/PFOA / 全氟辛烷磺酰基化合物/全氟辛酸

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
perfluorooctane sulfonates	Various	PFOS
Perfluorooctanoic acid	335-95-5	PFOA