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Standard

STANDARD 100 by OEKO-TEX®

OEKO-TEX® - International Association for Research and Testing in the Field of Textile and Leather Ecology

OEKO-TEX® - 繊維と皮革のエコロジー分野の国際試験研究共同体



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

Conditions for testing, certification and licensing according to STANDARD 100 by OEKO-TEX®. エコテックス®スタンダード 100 に基づく試験、認証と許可の為の条件

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1 Purpose	目的
<p>The STANDARD 100 by OEKO-TEX® standard is part of the testing, certification and licensing products offered by OEKO-TEX® Service Ltd. (OEKO-TEX®). Further information on the product portfolio can be found on the OEKO-TEX® website (www.oeko-tex.com). A list of OEKO-TEX® approved institutes (institute) can also be found there as well as in Annex 1.</p> <p>The STANDARD 100 by OEKO-TEX® (hereinafter referred to as STANDARD 100, the standard or the standard document) defines the general, technical and legal conditions for the testing and certification of textiles and accessory materials on the basis of the standard and for the licensing and use of the STANDARD 100 by OEKO-TEX® trademark.</p> <p>The applicable Terms of Use (ToU) for all OEKO-TEX® products (standards) as defined in Annex II also apply.</p>	<p>エコテックス®スタンダード 100 は、製品の試験、認証と許可に関してエコテックス®サービス有限会社(エコテックス®)が提供する規格です。規格群(ポートフォリオ)の詳細は、エコテックス®ホームページ(www.oeko-tex.com)を参照下さい。エコテックス®公認試験機関リストは、付属書 1 か HP でも参照できます。</p> <p>エコテックス®スタンダード 100 (以下スタンダード 100 で、規格又は規格文書)は、繊維製品や付属品の試験方法と認証手順、それに伴うエコテックス®スタンダード 100 ラベルの使用許可と使用方法に関する、一般的/技術的/法的条件を明示したものです。</p> <p>付属書IIで定義された、全てのエコテックス®規格に適用可能な利用規約 (T O U) も適用されます。</p>
2 Applicability	適用範囲
<p>This standard is applicable for textile products as well as accessory materials and herewith applicable for articles from all levels of production, including any textile and non-textile components as well as recycled materials.</p> <p>This standard is also applicable to mattresses, feathers and downs, foams, upholstery and other materials with similar characteristics.</p> <p>If the textile product (e.g. garment) contains also components made from leather, leather fibre board, skins or furs, then for these components the conditions and criteria of the latest valid LEATHER STANDARD by OEKO-TEX® are applied. The up to date, valid LEATHER STANDARD by OEKO-TEX®, which is then coapplicable, is available at the OEKO-TEX® website www.oeko-tex.com and can be downloaded there.</p> <p>If the character and the used materials of shoes permit, also shoes can be tested and certified according to the STANDARD 100. However, precondition is that the shoes contain a clear part of textile component(s). For leather shoes it is referred to the LEATHER STANDARD by OEKO-TEX®.</p> <p>In a general way it behooves solely the institute as well as possibly also the OEKO-TEX® Secretariat, to reject a testing and certification and not to apply this standard.</p> <p>The STANDARD 100 is <u>not</u> applicable for:</p> <ul style="list-style-type: none"> Leather materials / articles, leather fibre boards, skins and / or furs: These products are tested and certified according to the LEATHER STANDARD by OEKO-TEX®. Hereby skins and furs are subject for special regulations. Chemicals, auxiliaries and colourants: These products can be tested and certified according to the ECO PASSPORT by OEKO-TEX®. 	<p>本規格は、繊維または非繊維の部材を含む、すべての製造段階の付属品や繊維製品に適用できます。</p> <p>本規格はマットレス、羽毛、綿毛(ダウン)、発泡材(フォーム)、室内装飾品やその他、同様の特徴をもつ素材にも適用できます。</p> <p>繊維製品(例、衣料品)が、皮革やレザーボード(リサイクルレザー)、皮/毛皮など皮革部材を含む場合、これらの部材にはエコテックス®レザースタンダード最新有効版の条件と基準を適用します。エコテックス®レザースタンダード最新有効版は、エコテックス®のウェブサイト www.oeko-tex.com にて閲覧でき、ダウンロードも可能です。</p> <p>もし靴の素材や特徴が合えば、それらの靴もスタンダード 100 による試験、認証が可能です。しかしながら、その靴が明らかに繊維素材であることが前提条件です。皮革製の靴の場合は、エコテックス®レザースタンダードを参照下さい。</p> <p>原則として試験と認証の拒絶や本規格の適用/不適用は、エコテックス®事務局か試験機関でのみ決定します。</p> <p>スタンダード 100 は下記には適用できません</p> <ul style="list-style-type: none"> 皮革素材/製品やレザーボード(リサイクルレザー)、皮/毛皮: これらの製品はエコテックス®レザースタンダードに基づいて試験/認証されます。尚、皮や毛皮は特別規制の対象です。 化学薬剤、助剤、色材(染料/顔料等): これらの製品は、エコテックス®エコパスポートに従って試験/認証されます。
3 STANDARD 100 by OEKO-TEX® trademark	エコテックス®スタンダード 100 ラベル
3.1 Content and statement	内容、及び声明
<p>The STANDARD 100 by OEKO-TEX® trademark is a mark (label, logo, word mark) which can be applied to textile products or accessories which have been certified by an OEKO-TEX® Institute in accord-</p>	<p>エコテックス®スタンダード 100 ラベル(ラベル、ロゴ、語句)は登録商標で、本規格の一般/技術条件を満たしてエコテックス試験機関によって認証され、認証保有者が適合</p>

ance with the general and technical conditions of this standard document once the certificate acquiror has signed a Declaration of Conformity in accordance with the conditions of the standard document.

Via the OEKO-TEX® homepage www.oeko-tex.com and about the certificate number mentioned on the STANDARD 100 by OEKO-TEX® mark information can be obtained, whether the testing and certification of the products were performed on the basis of the conditions and criteria according to Annex 4 of this standard or according to those of the Annex 6 and thus which conditions the labelled product meets.

The STANDARD 100 by OEKO-TEX® trademark is not a quality label. The mark relates only to the as-produced state of the textile or accessory and says nothing about other properties of the product such as e.g. fitness for use, reaction to cleaning processes, physiological behaviour in respect of clothing, properties relating to use in buildings, burning behaviour etc. Furthermore the mark does not declare anything regarding other quality or legal aspects, such as product safety, possibly necessary EC type examinations, textile labelling or other characteristics (as e.g. construction, drawstrings, electrical components, etc.). In case such (legal) requirements or also safety provisions must be met from components of the article and / or the market-ready entire article itself, it is the sole responsibility of the applicant to inform himself of these sufficiently enough and to secure these. The STANDARD 100 by OEKO-TEX® certification and testing by the OEKO-TEX® Institute does not include a check for the availability or provision of complete evidence, certificates, correct information brochures, etc. This does not form part of the verification carried out by the OEKO-TEX® Institute.

The mark also can not declare anything about harmful substances negative impact as a result of damage during transportation or storing (and improper cleaning procedures thereafter), contamination caused by packaging, manipulation for sales promotion (e.g. perfuming) and inadequate sales display (e.g. outdoor presentation).

The terms and conditions for licensing and trademark use are governed by the Terms of Use (ToU).

3.2 Licensing

In line with its importance the STANDARD 100 by OEKO-TEX® mark is protected comprehensively as a trademark. On a worldwide basis there are applications or already registrations of the label as a trademark. To strengthen its legal protection not only the label as such, but also the word marks OEKO-TEX®, OEKO-TEX, OEKOTEX and ÖKO-TEX and various device elements as e.g. the logo and the globe device element are registered as separate trademarks.

The STANDARD 100 by OEKO-TEX® trademark may be used only by those authorised to do so. The prerequisite for licensing is the issuing of a certificate in accordance with the conditions specified in this standard document. The licence is issued with the handover of the certificate from the testing OEKO-TEX® Institute to the applicant. Please refer to the Terms of Use (ToU) for additional details about the termination and withdrawal of licences.

3.3 Instructions for use of trademark

The principles and figures presented in Annex 2 must be applied in order to use the STANDARD 100 by OEKO-TEX® trademark. The use

性宣言書に本規格に沿った条件で署名した場合に、その認証品（繊維製品や付属品）に付けることが可能となります。

エコテックス®のホームページ www.oeko-tex.com より、エコテックス®スタンダード 100 ラベルに記載された認証番号に関する情報が確認可能です。それらの製品に関する試験や認証が本規格の付属書 4 か 6 どちらの条件と基準に基づいて行われたか、認証ラベルの付いた製品がどちらの条件を満たしているかが分かります。

エコテックス®スタンダード 100 ラベルは、一般的な品質ラベルではありません。このラベルは、繊維製品や付属品の製造時の状態にのみ関するものであり、他の製品特性、例えば使用時のフィット感、洗濯時の影響、衣服としての生理学的挙動、建造物での使用に関する性質、燃焼性等については関与しません。さらにこのラベルは、他の品質や法的側面、例えば、必要かもしれない EC 検査の製品安全性、繊維素材表示等(例えば、構造、引き紐、電気部品等)についても一切言及しません。そのような(法的)必要条件や安全基準については、製品の部材別か市場完成品としての適合が必要で、それは申請者自身の責任で十分に満たして保証して下さい。エコテックス®スタンダード 100 での認証とエコテックス試験機関による試験では、提出された認証書類、正確な情報資料等の有効性や規制条件の確認は含みません。これらは、エコテックス試験機関で実施する確認には含まれません。

このラベルが付いた製品の輸送や保管(及び、その後の不適切な洗濯)、包装による汚染、販売促進のための処置(例、香水添加)、販売時の不適切な陳列(例、屋外陳列)等の影響で生じた損害で、個々のサンプルに影響を与える有害物質については一切関知しません。

ラベル/ロゴの使用に関する条件等に付いては、利用規約 (ToU) で規定されています。

ライセンスング (ラベル/ロゴの使用権利)

その重要性により、「エコテックス®素材の信頼性 有害物質検査済 - スタンダード 100 -」の文言は、商標として包括的に保護されていて、ラベルは世界中で商標として申請、登録されています。法的保護を強化するために、ラベル自体だけでなく、種々の図案(例、地球形の図形)と関連した文字、エコテックス®、OEKO-TEX®, OEKO-TEX, OEKOTEX や ÖKO-TEX が個々の商標として登録されています。

エコテックス®スタンダード 100 ラベルの使用は、その権限を受けた者だけが許されます。このライセンスの必要条件是、本規格にて規定されている条件に基づいた認証書の発行が事前になされている事です。この権利はエコテックス®試験機関から申請者へ認証書が授与されると同時に発生します。ライセンスの終了や撤回の詳細は、利用規格 (ToU) をご覧下さい。

ラベル/ロゴの使用説明

付属書 2 に記載された原則と図形に応じて、エコテックス®スタンダード 100 ラベルの使用されなければなりません。

of the trademark in any other type or form is explicitly not allowed. For additional details, please refer to Annex 2 of this standard and the ToU.

ん。ラベル/ロゴを他の形式で使う事は明確に禁止されています。その他の詳細に関しましては、本規格の附属書2と利用規約 (T o U) を御覧下さい。

4	Terms and definitions	用語と定義
	Terms specific to the STANDARD 100 by OEKO-TEX® are defined below. Additional terms are defined in the ToU for all standards in the OEKO-TEX® product portfolio.	エコテックス®スタンダード 100 に特有の用語は下記で定義され、エコテックス®ファミリー規格全体に共通した用語は利用規約 (T o U) で定義されています。
4.1	Harmful substances	有害物質
	Harmful substances within the context of this standard refer to substances which may be present in a textile product or accessory and exceed a maximum amount or which evolve during normal and prescribed use and exceed a maximum amount, and which may have some kind of effect on people during normal and prescribed use and may, according to current scientific knowledge, be injurious to human health.	本規格における有害物質とは、繊維製品または付属品に含まれ、通常または規定の使用において、一定値を超えた時に人に影響を与え、現在の科学的見地から、人の健康を害する恐れのある物質です。
4.2	Article group	製品グループ
	An article group describes several articles, which can be covered in the same certificate to a group, e.g.: <ul style="list-style-type: none"> • Textiles with physical differences only, made from well defined basic materials; • Articles which are physically composed of certified products only; • Finished textiles from the same kind of fibre material (for example those made from cellulosic fibres, mixtures of polyester and cotton, of synthetic fibres, etc.). 	製品グループとは、同一の認証に含むことが可能な複数の製品群からなるグループです。すなわち、 <ul style="list-style-type: none"> • 明確に定義された素材で作られ、物理的な差があるだけの繊維製品群 • 認証された製品類から物理的に構成されただけの製品群 • 同種の繊維素材からなる最終繊維製品群 (例、セルローズ繊維グループ、ポリエステル/綿混グループ、合成繊維グループ)
4.3	Product classes	製品クラス
	A product class in the context of this standard is a group of different articles categorised according to their (future) utilisation. In the different product classes not only finished articles may be certified but also their primary products at all stages of manufacture (fibres, yarns, fabrics) and accessories. The product classes differ generally in the requirements that the products have to fulfil and by the test methods applied.	本規格での製品クラスとは、その用途(将来)に応じて対象品を分類したものです。異なる製品クラスの場合、最終製品だけでなく、半製品の段階 (ファイバー、糸、布) や付属品でも別々に認証されます。製品が満たさなければならない条件と適用される試験法は、製品クラスによって異なります。
4.3.1	Products for babies (Product class I)	乳幼児用製品(製品クラス I)
	Products for babies in the context of this standard are all articles, basic materials and accessories, which are provided for the production of articles for babies and children up to the age of 36 months.	本規格における乳幼児用の製品とは、生後 36 カ月までの乳幼児を対象とした全ての製品、基本素材、付属品です。
4.3.2	Products with direct contact to skin (Product class II)	肌との接触が大きい製品(製品クラス II)
	Articles with direct contact to skin are those, which are worn with a large part of their surface in direct contact with the skin (e.g. blouses, shirts, underwear, mattresses etc.).	肌との接触が大きい製品とは、その多くの表面部分が肌と直接接触する状態で使用されるものです (例、下着、ブラウス、シャツ、寝装品等) 。
4.3.3	Products without direct contact to skin (Product class III)	肌に直接触れにくい製品(製品クラス III)
	Articles without direct contact to skin are those, which are worn with only a little part of their surface in direct contact with the skin (e.g. stuffings, etc.).	肌に直接触れにくい製品とは、わずかな表面部分が肌と直接接触する状態で使用されるもの (例、外衣、詰め物等) である。
4.3.4	Decoration material (Product class IV)	装飾用製品(製品クラス IV)
	Decoration material in the context of this standard are all articles including initial products and accessories which are used for decora-	本規格における装飾用製品とは、装飾用に使用される半製品や付属品を含む全ての製品で、テーブルクロス、壁装

tion such as table cloths, wall coverings, furnishing fabrics and curtains, upholstery fabrics, and floor coverings.

材、家具用布地、カーテン、室内装飾用布地、カーペット等です。

4.3.5 Expanded requirements (Annex 6)

拡大必要条件 (付属書 6)

With the expanded requirements defined in Annex 6, it should be increasingly possible to draw conclusions about special environmentally friendly production conditions. For this purpose, the limit values of the product classes according to Annex 4, fixed from a human ecological point of view, are complemented with further and often stricter requirements that aim to bring about an improved environmental performance during production. For a comprehensive consideration of environmentally friendly and socially acceptable production conditions, please see the separate certification of production sites as per STeP by OEKO-TEX® and DETOX TO ZERO by OEKO-TEX®.

付属書 6 で定義された拡大必要条件では、環境に特段に優しい生産条件としての評価を得ることが可能となっています。この目的の為に、付属書 4 の製品クラス別の規制値 (人体へのエコロジカル観点で設定) が補足され、生産工程での環境に対するパフォーマンスの向上を目指してなるより厳しい必要条件として規定されました。環境に優しい点と社会的に認められる生産条件を包括的に考慮するには、別のエコテックス®ファミリー規格のステップ (STeP) やデトックス トゥ ゼロ (DETOX TO ZERO) での生産場所の認証を参照下さい。

4.4 Active products

活性物質 (活性製品)

4.4.1 Biological active products

生物活性物質 (生物活性製品)

Biological active products in context of this standard are those active products that are used with the intention to destroy, deter, render harmless, prevent the action of, or otherwise exert a controlling effect of any organism by chemical or biological means.

本規格における生物活性物質とは、化学的または生物学的手段によって、微生物に対し、殺菌、抗菌、制菌などの目的で使用される活性物質です。

4.4.2 Flame retardant products

難燃物質 (難燃製品)

Flame retardant products in context of this standard are those active products that are used with the intention to reduce the flammability and / or combustibility.

本規格における難燃物質とは、可燃性や発火性を減少させる目的で使用される活性物質です。

5 Testing and certification procedure

試験と認証手順

5.1 General conditions

一般条件

The terms and conditions for the realisation of the testing and certification process, the performance of these procedures, including the quality assurance and conformity procedures, and the issuing of the STANDARD 100 by OEKO-TEX® certificate are governed by the Terms of Use (ToU). Reference should also be made to the Declaration of Conformity.

試験と認証手順の実施、これらの手続きの実施結果、品質保証と適合性手順、及びエコテックス®スタンダード 100 認証書の発行に対する期間と条件は利用規約 (ToU) で規定されています。適合性宣言書に記載されている内容も良くご覧下さい。

The following section provides conditions which are specific to STANDARD 100.

以下の章は、スタンダード 100 特有の条件を示しています。

5.2 Product specific requirements

製品特有の条件

5.2.1 Criteria catalogues according to Annex 4 and expanded Annex 6

付属書 4 と拡大付属書 6 に基づく規制値表

In addition to the general valid conditions for certification according to STANDARD 100, the product specific requirements according to Annex 4 or Annex 6 have to be fulfilled by each component.

スタンダード 100 の認証に関する有効な一般的条件に加え、付属書 4 か拡大付属書 6 に基づく製品特有の条件を満たさなければなりません。

The applicant must specify in the application for testing and certification in accordance with STANDARD 100, whether the materials or articles should be tested and if that is successful certified on the basis of Annex 4 or Annex 6. This choice is important and will be noted later on the certificate.

申請者は、スタンダード 100 に基づいた試験と認証用申請書で、申請対象素材/製品を付属書 4 又は付属書 6 どちらで試験し、また合格すれば認証するか指定しなければなりません。この選択は重要で、あとで認証書にも記載されます。

Annex 6 and the accompanying Annex 7 concern an expanded criteria catalogue. This expanded catalogue specially has been developed for companies who are particularly focused on the Detox Campaign and it offers these companies assistance if they want to take this approach (or must take this approach due to specific customer requirements). The tightening of the limit values in comparison with the re-

付属書 6 と付随の付属書 7 は拡大必要条件で、デトックスキャンペーンを特に重視した企業に向けて特別に開発され、このキャンペーンに取り組みたいという企業 (又は、企業の顧客から要求があり、取り組まなければいけない場合) に対して提供されます。付属書 4 の条件と比較して、多くの項目/物質の規制値の強化は、人間生態学の観点から行

requirements in Annex 4 for many parameters / substances did not take place from a viewpoint of human ecological aspects but considering Point 4.3.5 of this standard. The parameters flagged in Annex 6 with an asterisk (*) belong to the so-called "Detox Substance Groups".

われたものではなく、本規格 4.3.5 に従ったものです。付属書 6 においてアスタリスク (*) が付いた項目は、「デトックス物質グループ」です。

5.2.2 Other materials	その他の素材
<p>For leather and accessories made of leather, components made of leather fibre boards as well as for skins and furs possible present in the article the conditions and criteria of the up to date, valid LEATHER STANDARD by OEKO-TEX® are effective.</p>	<p>繊維製品に、皮/毛皮やレザーボードなどを含めた皮革部材を含む場合、それに対してはエコテックス®レザースタンダード最新有効版の条件と基準を適用します。</p>
5.2.3 Personal Protective Equipment and Special Articles	個人用保護具 (PPE) と特殊製品
<p>For Personal Protective Equipment (PPE) and materials for PPE (as well as for military garments and uniforms comparable with PPE) a testing and certification according to the STANDARD 100 by OEKO-TEX® - Supplement "PPE" can be carried out.</p>	<p>個人用保護具 (PPE) 及びその用途素材(軍服や個人保護具と見なせるユニフォームも含まれる)の試験/認証は、エコテックス®スタンダード 100 - 補足「個人用保護具 (PPE)」に基づいて行われます。</p>
<p>For textile material containing products, that do not represent „classic“ articles within the application area of the STANDARD 100 by OEKO-TEX® such as chairs and couches, children’s pushchairs, suitcases, bags, rucksacks etc., a testing and certification according to the STANDARD 100 by OEKO-TEX® - Supplement „Special Articles“ is possible.</p>	<p>繊維素材を含む製品で、イスやソファ、ベビーカー、スーツケース、カバン、リュックサック等、従来のエコテックス®スタンダード 100 の申請範囲内における典型的な製品でないものは、エコテックス®スタンダード 100 - 補足「特殊製品」に基づいて試験、認証されます。</p>
5.2.4 New or tightened requirements	新規または強化された必要条件
<p>Usually the conditions and criteria of the standard are updated and published at the beginning of a new calendar year. However, updates during a calendar year are not precluded.</p>	<p>通常は暦での年初に、本規格の条件や規制値は更新されて公表されます。しかしながら、それ以外にも変更/更新はあり得ます。</p>
<p>For new or more severe requirements normally a transition period for implementation is valid until the following 1st of April.</p>	<p>新規やより厳しい必要条件を実施する移行期間は、最初に来る 4 月 1 日までです。</p>
<p>However, the OEKO-TEX® Service Ltd. at any time has also the right to bring into force and apply immediately new or more severe requirements, if OEKO-TEX® sees the necessity for that.</p>	<p>しかしながら必要な場合、エコテックス®共同体は新規やより厳しい必要条件を直ちに有効として適用する権利も有します。</p>
<p>For further details it is referred to the Terms of Use (ToU).</p>	<p>更なる詳細は、利用規約 (ToU) を参照下さい。</p>
5.3 Requirements regarding the use of biological active products	生物活性物質の使用に関する必要条件
<p>When using biological active products it is distinguished between fibre materials where the biological active agents are incorporated into the fibres and a treatment of textiles with biological active products in a later processing step.</p>	<p>生物活性物質の使用に際しては、ファイバー内に生物活性物質を含んだ場合と、後工程で生物活性物質によって加工された場合とに区別されます。</p>
5.3.1 Fibre materials with biological active properties	生物活性物質を含む繊維素材
<p>The use of fibre materials with biological active properties is accepted at a certification process according to STANDARD 100, when a thorough, separately prior performed special assessment by OEKO-TEX® has revealed, that these special fibres may be used from a human-ecological point of view. The evidence of compliance with the requirements according to Annex 4 respectively Annex 6 (depending on selection) of this standard, however, still has to be provided.</p>	<p>生物活性物質を含む繊維素材は、事前にエコテックス®共同体による特別評価を別途行い、その繊維が人類生態学の観点から使用できると明らかになった後、エコテックス®スタンダード 100 への認証申請が承認されます。又、本規格の付属書 4 か 6 (選択可能) に基づいた必要条件との適合証拠も提出されなければなりません。</p>
5.3.2 Finish with biological active products	生物活性物質による仕上加工
<p>The use of finishes with biological active products is accepted within a certification process according to STANDARD 100, when a thorough, separately prior performed special assessment by OEKO-TEX® has shown that the textiles finished with the active</p>	<p>生物活性物質による仕上加工は、事前にエコテックス®共同体による特別評価を別途行い、その仕上加工が薬剤メーカー推奨処方に基いて行われ、人の健康に無害であるということが確認された場合のみ、エコテックス®スタン</p>

product according to the recommendations of the manufacturer of the active product are harmless to the human health. The evidence of compliance with the requirements according to Annex 4 respectively Annex 6 (depending on selection) of this standard, however, still has to be provided from the finished materials.

ード 100 への認証申請が承認されます。又、本規格の付属書 4 か 6 (選択可能) に基づいた必要条件との適合証拠も提出されなければなりません。

5.4 Requirements regarding the use of flame retardant products

難燃物質の使用に関する必要条件

When using flame retardant products it is distinguished between fibre materials which receive the flame retardant properties in the spinning mass already (copolymers, additives) and a finish with flame retardant products in a later processing step.

難燃物質の使用に際しては、紡糸段階で既に (共重合体や添加剤により) 難燃性が付与された繊維素材と、後工程で難燃剤によって仕上加工された繊維製品とに区別されません。

5.4.1 Fibre materials with flame retardant properties

難燃性を有する繊維素材

The use of fibre materials with flame retardant properties is accepted at a certification process according to STANDARD 100, when a thorough, separately prior performed special assessment by OEKO-TEX® has revealed, that these special fibres may be used from a human-ecological point of view. The evidence of compliance with the requirements according to Annex 4 respectively Annex 6 (depending on selection) of this standard, however, still has to be provided. To the special usage regulations at testing and certification processes according to Annex 6 (please have a look there) is pointed out explicitly.

難燃性を有する繊維素材は、事前にエコテックス®共同体による特別評価を別途行い、その繊維が人類生態学の観点から使用できると明らかになった後、エコテックス®スタンダード 100 への認証申請が承認されます。又、本規格の付属書 4 か 6 (選択可能) に基づいた必要条件との適合証拠も提出されなければなりません。特別な活用として、付属書 6 に基づく試験や認証プロセスに関する規則は明白に記載されています (そこをご覧ください)。

5.4.2 Finish with flame retardant properties

難燃性を有する仕上加工

The use of finishes with flame retardant products is accepted within a certification process according to STANDARD 100, when a thorough, separately prior performed special assessment by OEKO-TEX® has shown that the textiles finished with the active product according to the recommendations of the manufacturer of the active product are harmless to the human health. The evidence of compliance with the requirements according to Annex 4 respectively Annex 6 (depending on selection) of this standard, however, still has to be provided from the finished materials. To the special usage regulations at testing and certification processes according to Annex 6 (please have a look there) is pointed out explicitly.

難燃性を有する仕上加工は、事前にエコテックス®共同体による特別評価を別途行い、その仕上加工が薬剤メーカー推奨処方に基づいて行われ、人の健康に無害であるということが確認された場合のみ、エコテックス®スタンダード 100 への認証申請が承認されます。又、本規格の付属書 4 か 6 (選択可能) に基づいた必要条件との適合証拠も提出されなければなりません。特別な活用として、付属書 6 に基づく試験や認証プロセスに関する規則は明白に記載されています (そこをご覧ください)。

5.5 Requirements at materials / articles with organic cotton; test for GMO

オーガニックコットンの素材/部材に関する必要条件

Special requirements and rules apply if the applicant wishes to have the term „Bio cotton“ or “organic cotton” used in the product group description of the certificate. Only organic cotton may have been used in the production of the product and a valid certificate must be submitted indicating the organic origin of the material and proving that no genetically modified organisms (GMO) were used. An additional special laboratory test must be performed for these cotton fibres / materials. This test must demonstrate that the cotton has not been genetically modified. If all of these requirements are met, the terms „Bio cotton“ or “organic cotton” may be used and the product group description may include the supplementary “GMO not detectable”. This procedure is used both for materials consisting solely of organic cotton and mixes of organic cotton with other materials. However, organic cotton may not be combined with conventional cotton. The OEKO-TEX® Service Ltd. explicitly states that this test and process does not certify or provide proof of “ecologically and socially responsible cotton textile production”.

もし申請者が認証書の対象品記載で「バイオコットン」や「オーガニックコットン」を意味する用語の記載を望む場合には、特別な必要条件と規則が適用されます。対象製品の生産において、全ての原料がオーガニックのみであり、かつ遺伝子組み換え作物(GMO)が使用されていないことを証明する有効な認証書を提出しなければなりません。更に、コットン繊維/原料に対する特別な試験が必要で、遺伝子組み換えでないことが確認されなければなりません。これらの必要条件が全て満たされれば、「バイオコットン」や「オーガニックコットン」という用語の記載ができて、「遺伝子組み換え検出なし」という文言を付け加えることも可能です。これらの手順は、オーガニックコットンのみからなる原料の場合と他素材とのミックス品の両方に用いられます。しかしながら、オーガニックコットンは従来の通常コットンとのミックスは出来ません。エコテックス®共同体は関連試験やその過程において、「環境と社会的責任の綿製品生産」という証明や証拠提供をするものではありません。

For the issuance of a certificate, which contains organic cotton articles, special regulations are effective. About these the OEKO-TEX® Institutes provide information with pleasure.

Products which were / are manufactured using conventional cotton can also be put through the special laboratory test at the request of the applicant to determine whether genetic modifications can be detected or not. If the product passes the test and the applicant confirms additionally in the application that only non-genetically modified cotton was respectively is used to manufacture the product, it will also be possible to include the supplementary "GMO not detectable" in the product group description on the certificate.

5.6 Requirements for recycled materials

Special requirements and rules apply if the applicant wishes to use the term "recycled" in the product group description of the certificate. Only post- and pre-consumer waste material may have been used in the manufacturing of the product and proof indicating the recycled origin of the material must be submitted. The following definitions for pre- and post-consumer waste material are applicable.

Pre-consumer material (or post-industrial material): material diverted from the waste stream during the manufacturing process. Excluded is the reutilization of material such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

Material is not accepted if the manufacturer deliberately produces it for the purpose of recycling it (increasing the percentage of produced waste), if the material could be used again without any further processing and/or if the material is ready for further use as an integral part of the continuing process of production.

Post-consumer material: material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the goods or service which can no longer be used for its intended purpose. This includes returns of material from the distribution chain.

At least 20 % of the chief material must be recycled.

Products with less than 20 % recycled content cannot be certified as "recycled" at the moment.

A separate certificate for recycled material/articles needs to be issued.

In order to meet the special challenges posed by recycled material, further information on the article must be provided. This information is requested with the application and is checked during testing and the On-Site Visit. Depending on the origin of the material a higher testing frequency is applicable. The OEKO-TEX® institutes provide information concerning the special recycling regulations with pleasure. Recycled products made of the following materials can be accepted for the certification according to STANDARD 100:

- Recycled materials and fibres from animal-based origin
- Recycled materials and fibres from cellulosic origin
- Recycled materials and fibres from synthetic and plastic origin

Articles which are produced using post-consumer or post-industrial material from unknown source can only be certified in the product

オーガニックコットン製品を含む場合の認証書記載に関しては特別な規則が適用されていますので、詳細はエコテックス®試験機関までお問合せ下さい。

通常綿を使用した製品の場合でも、申請者が希望すれば、遺伝子組み換えが検出されるかどうかの分析試験は可能です。製品がその試験に合格し、かつ申請者が申請書でその製品の生産で遺伝子組み換え品が使用されていないと言う宣言をすれば、認証書での製品記載に「遺伝子組み換え検出なし」と言う文言を付け加えることも可能です。

リサイクル素材に関する要求事項

申請者が認証書の製品グループの記載に「リサイクル」という表現を用いたい場合、特別な要求事項および規則が適用されます。実際の製品に関わる「ポストコンシューマー」および「プレコンシューマー」のみが使用でき、リサイクル素材の出所を示す有効な認証書の提出が必要です。「プレコンシューマー」および「ポストコンシューマー」廃棄物の定義は以下の通りです。

プレコンシューマー廃棄物 (工場内で発生した消費前廃棄物): 製造プロセス時に廃棄される素材。製造プロセスから発生する再加工品は対象外です。また、同じ製造プロセス内で再利用可能な素材も対象外となります。

製造者がリサイクルを目的として、(製造廃棄物の割合を増やすために)故意に製造を行った場合の素材は対象外となります。また、再加工をしなくても使用可能な素材や、後工程で必要な部分として使われる素材も対象外です。

ポストコンシューマー廃棄物 (消費後廃棄物): 家庭や商業・工業等にて発生した素材で、エンドユーザーが元来の目的として使用できなくなった商品等を指し、流通販売で返却されるものも含まれます。

少なくとも全重量の20%がリサイクル素材でなければいけません。

現時点では、リサイクル素材が20%未満の製品は「リサイクル素材」として認証することはできません。

通常の認証書とは別に、リサイクル素材/製品を含む認証書の発行が必要です。

リサイクル素材に関する特別な要求事項を満たすために、製品に関して追加の情報の提出が必要となります。その情報は申請書に記載が必要で、かつ、試験および訪問監査で確認されます。素材の出所によって、試験頻度が高くなる場合があります。OEKO-TEX®認証機関は特別なリサイクル規制に関する情報を提供しますので、遠慮なくお問い合わせください。STANDARD 100で認証可能なリサイクル製品の素材は以下の通りです。

- 動物関連のリサイクル素材・ファイバー
- セルロース関連のリサイクル素材・ファイバー
- 合成・プラスチック関連のリサイクル素材・ファイバー

ポストコンシューマー廃棄物を使った製品は製品クラスII~IVでしか認証できません。ただし、リサイクルペット

classes II-IV. The exception to this rule is material made from recycled PET-bottles. This material can also be certified for product class I. Proof of compliance with the requirements of Annex 4 or Annex 6 (as applicable) to this standard must still be provided.

5.7 Testing and certification - execution

The validation for certification in accordance with STANDARD 100 must be requested in writing using the application document provided by OEKO-TEX®; the applicant must choose whether testing and (if successful) certification should be performed in accordance with Annex 4 or Annex 6.

The application must be submitted to the selected OEKO-TEX® Institute; if applicable even along with representative (production) sample material. Sufficient quantity of the material must be provided mandatory (both for documentation and testing purposes). This requirement also applies when submitting an application for a renewal of a certificate.

The OEKO-TEX® Institute will review the documents and sample materials which have been sent in before defining the scope of the tests and putting the selected samples through testing. The type and extent of the (laboratory) tests will depend on the product itself, the material composition, the requested Annex, the selected product class and the information provided by the applicant about the product and the manufacturing process.

Fibre compositions of samples may be cross-checked qualitatively against information from the application, related documents and declarations. These tests are charged to the applicant.

All individual components of an article have to be tested. If the test of a component weighing less than 1 % of the total article is not possible due to the limited amount contained in the article, then the institute decides on its own competence, taking into consideration the kind of article and its use, whether additional testing material has to be sent in or whether the test can be dropped. The decision of the institute is not contestable.

Any valid OEKO-TEX® certificates which are submitted showing that the materials used to manufacture the products have already been certified in accordance with STANDARD 100 by OEKO-TEX® are taken into consideration when defining the scope of the test.

Leather materials, leather fibre boards, skins and furs which are certified according to LEATHER STANDARD by OEKO-TEX® can be used for the purposes of a certification of a textile product according to STANDARD 100 too and valid certificates can be submitted.

Test specimens having a non product typical odour (for example fragrance / perfume, mould) or an odour indicating faulty manufacture, will be excluded from testing immediately and no authorization to use the brand STANDARD 100 by OEKO-TEX® is possible.

After the tests were carried out a report will be provided by the institute to the applicant.

In case the verification was successful the applicant has to sign the necessary Declaration of Conformity (please see for this also to 6.3) and transfers it to the OEKO-TEX® Institute.

After all necessary documents were received the OEKO-TEX® Institute issues the STANDARD 100 by OEKO-TEX® certificate and transfers it to the applicant.

ボトルから作られた製品は例外で、製品クラス I でも認証を取得することができます。付属書 4 もしくは付属書 6 (適用の場合) の要求事項に適合する証明は通常の STANDARD 100 認証と同様に提出が必要です。

試験と認証の実施

スタンダード 100 に基づいた有効な認証は、エコテックス® 共同体が提供する申請用紙に記載して申請する事が必要です。申請者は、対象品が付属書 4、付属書 6 のどちらに従った試験と認証 (合格すれば) を受けるか、申請書で選択して下さい。

申請は選ばれたエコテックス® 試験機関で行って下さい。必要な場合、代表 (生産) サンプルも揃えて下さい。申請には、必要十分な書類/リスト類と試験用サンプルの提出が必要です。これは認証更新の申請でも同様です。

エコテックス® 試験機関は、送られてきた書類とサンプルを確認して、サンプル毎に分析試験の計画を立てます。試験機関での試験の範囲やタイプは、製品自体や、素材、付属書 4 か 6、選択された製品クラス及び製品と生産工程に関する情報提供によって決められます。

申請書類等の関連情報によるサンプル繊維組成に対し、念の為に確認試験をする事があります。この試験費用は申請者へ請求されます。

対象品を構成する全部材が試験されます。構成部材が対象品重量の 1% 未満で、製品中の量が少ないため試験することが不可能な場合、試験機関はその権限において、その対象品や用途を考慮して、追加サンプルを要求するか、試験の省略が可能かどうかを決定します。試験機関による決定は最終です。

その製品の構成部材が既にエコテックス® スタンダード 100 で認証されていることを示す有効なエコテックス® 認証書が提出された場合には、それを試験計画で考慮されます。

皮革部材やレザーボード、皮/毛皮がエコテックス® レザースタンダードで認証されている場合、スタンダード 100 で繊維製品を認証する目的に使用できますが、有効なレザースタンダードの認証書コピーの提出が必要です。

製品特有のものではない臭い (例、香料 / 香水) もしくは明らかに不良品であることを示す臭いのあるものは、試験対象から直ちに除外され、エコテックス® スタンダード 100 の認証ラベルは使用できません。

試験が実施された後に、試験機関から申請者へ報告書が渡されます。

規格に適合し合格の場合、申請者は必要な適合性宣言書 (6.3 をご覧下さい) に署名が必要で、エコテックス® 試験機関へ提出して下さい。

全ての必要書類がエコテックス® 試験機関に提出されて、エコテックス® スタンダード 100 の認証書が発行されて申請者へ渡されます。

At initial certification procedures on request of the applicant the date on which the certificate comes into effect and therefore the date from which they are authorised to use the OEKO-TEX® trademark can be postponed for at most three months from the date of the underlying test report being issued.

By signing and submitting the Declaration of Conformity, the customer accepts that the certified products will be monitored and controlled by OEKO-TEX® and / or the OEKO-TEX® Institute for the purposes of OEKO-TEX® quality assurance (in addition to his own and internally required quality assurance for different finishing batches, different colours, etc.).

As part of a first certification process according to STANDARD 100 by OEKO-TEX® an On-Site-Visit of the company / production facility is required and must be carried out. This On-Site-Visit is performed by the OEKO-TEX® Institute or an quality assurance officer of the OEKO-TEX® Service Ltd. either before or soon after the STANDARD 100 certification and must be passed. Each company is controlled in this way at least once every three years. In case travel restrictions do not allow a safe performance of an in-person On-Site-Visit, an alternative is available and can be discussed with the corresponding OEKO-TEX® institute. If the assessment is not passed, a previously issued STANDARD 100 certificate can be withdrawn.

The customer is entitled to request the renewal of their certificate and with it the license to use the STANDARD 100 by OEKO-TEX® trademark three months before it expires. The renewal of an existing certificate has to be made seamless to the expiry date of the certificate. The certificate number will remain the same whenever a certificate is seamlessly renewed (subsequent certifications). The expiry date of a renewed certificate will be exactly one year after the expiry date of the previous certificate. Delayed performed renewals will not result in an extension of the certificate validity (see also ToU). The institute normally elaborates a reduced testing programme for the 1st, 2nd, 4th, 5th, etc. renewal, however, under the preconditions that this is possible for the articles in question and they are produced with unchanged manufacturing conditions (materials used, chemicals, etc.) in comparison to the previous certification.

Note: The latest version of the application and the Declaration of Conformity to the STANDARD 100 by OEKO-TEX® are available to download from the OEKO-TEX® website www.oeko-tex.com.

5.8 Important information regarding changes on certified products – way of proceeding

Any product certified under this standard will automatically lose the right to be referred to as certified and to use the STANDARD 100 mark as soon as it is professional physically or chemically altered or treated. This includes also washing and chemical cleaning. Please refer also to the Terms of Use (ToU) for more information.

The applicant respectively certificate holder is obliged to inform the relevant institute **immediately** if there are any changes to the materials and their mixes, technical procedures and / or recipes. Please note that articles / goods which are / were manufactured in any form which differs from the original certification process are automatically and immediately considered uncertified. Articles / goods of this kind are not covered by the certificate issued for the customer and are not permitted to use the corresponding OEKO-TEX® mark. Goods of this kind will only be covered by the certificate and permitted to use the

初回の認証で申請者からの要望がある場合、認証書発行日すなわちエコテックス®ラベルの使用許可日は、基になるテストレポートの発行日から最長で3か月まで延期することができます。

適合性宣言書に署名し提出して、エコテックス試験機関や共同体が認証製品をエコテックス®品質保証の目的でチェックコントロールしていく事を、申請者は容認する事になります。

エコテックス®スタンダード 100 の初回認証プロセスの一部として、企業や生産工程の監査が必要で、必ず実施されなければなりません。この品質監査はエコテックス®試験機関が事務局の監査人によって、認証前か認証後速やかに実施されて、合格する必要があります。もし監査が合格しない場合、そのスタンダード 100 認証書は撤回されることがあります。

顧客は、保有する認証書の更新を有効期限の3か月前に申請する権利があります。更新しない場合はエコテックス®スタンダード 100 のロゴ/ラベル使用ができなくなります。現存する認証書の更新は、途切れることがないよう有効期限までに完了されなければなりません。認証書の番号は、途切れずに更新されている間は(継続認証)そのまま同じです。更新された認証書の有効期限は、前回認証の有効期限より丁度1年後となります。更新が遅れた場合でも、認証書の有効期限は変わりません(利用規約を参照)。試験機関は通常、更新1、2回目や4、5回目ではやや少なめの試験計画(セミ試験)を実施しますが、これは対象製品が前回認証時に比べて製造条件に変更(原材料/部材、化学薬剤等)がない前提での対応となります。

注: エコテックス®スタンダード 100 の申請書と適合性宣言書の最新版はエコテックス HP www.oeko-tex.com より入手可能です。

認証製品の変更に関する重要情報-処理方法

本規格で認証された製品が、業務上で物理的/化学的な変更や処理を受けた場合は、直ちに認証品ではなくなり、スタンダード 100 ラベルの使用権利もなくなります。これには、洗濯や化学的な洗浄も含まれます。より詳しくは、利用規約 (ToU)を参照下さい。

申請者と認証保有者は、原料自体や混合割合、技術的な処理や処方に変更がある場合には、夫々の関連試験機関へ直ちに連絡する義務があります。商品や製品が本来の認証品と異なるプロセスで製造された場合には、自動的に、直ちに非認証品となります。この商品や製品は、顧客に発行済みの認証書の適用範囲内ではなく、エコテックス®ラベルの使用は許されません。エコテックス®試験機関がその認証書の適用範囲内であると確認して初めて、この商品や製品も認証品と認められて、関連するエコテックス®ラ

corresponding OEKO-TEX® mark once the OEKO-TEX® Institute has confirmed that the certificate also applies to them. Additional tests may be required hereto to determine whether the goods are in compliance with the relevant conditions and criteria. Please refer to the Terms of Use (ToU) for more information about the consequences of failing to meet this obligation.

ベルの使用も許可されます。その商品が関連した条件や規制値に適合しているかを調べる為に、追加試験が必要な場合もあります。上記の義務違反に対する取扱いに関する詳細は、利用規約 (ToU)を参照下さい。

6 Legal relationship between customer and OEKO-TEX®	顧客とエコテックス®の法的関係
6.1 STANDARD 100 by OEKO-TEX® document and ToU as well as GTC	エコテックス®スタンダード 100 資料と利用規約 (ToU)、一般的用語と条件 (GTC)
In addition to this standard document, the Terms of Use (ToU) (see Annex II) and, as appropriate, the General Terms and Conditions (GTC) of the testing institute form the framework for the legal relations between the OEKO-TEX® Service Ltd. and the testing institute on the one side and the customer on the other.	本規格資料に加えて、利用規約 (ToU) (付属書II参照) と相応しい一般条項と条件 (GTC)により、エコテックス®共同体と一つは試験機関との関係、また他方では顧客との法的関係性を構築しています。
6.2 Request, offer and acceptance	依頼、申出と受諾
The legal relationship between the customer and OEKO-TEX® is based on an application sent by the customer to an OEKO-TEX® Institute of their choice requesting that they test materials and articles, which fall within the scope of the STANDARD 100 by OEKO-TEX®, according to this standard.	エコテックス®と顧客との間の法的関係は、顧客が選択したエコテックス®試験機関に素材や製品の試験依頼をした申請書に基づいていて、エコテックス®スタンダード 100 が対象の場合には本規格に従います。
For additional details about the request, offer and acceptance process and the ensuing legal relationship between the customer and the testing institute which performs the test and the OEKO-TEX® Service Ltd. as the entitled company of the various OEKO-TEX® trademarks, please refer to the ToU.	依頼、申出と受諾プロセスや、続いて起こる顧客と、試験を実施する試験機関、及び種々のエコテックス®商標 (ラベル/ロゴ) の使用権を持つエコテックス®事務局との間の法的関係に関するその他の詳細については、利用規約 (ToU) を参照下さい。
6.3 Declaration of Conformity	適合性宣言書
The applicant must submit a Declaration of Conformity for the article group which they would like to be STANDARD 100 by OEKO-TEX® certified. This declaration obliges them to be solely responsible for ensuring that the certified articles comply with the STANDARD 100 by OEKO-TEX® conditions and criteria which were / are used to certify the products and maintain consistency between the products and the certified samples (identical manufacturing techniques, etc.), too. If they apply for diverse components of the articles to be certified (see 2. Applicability), the conditions and criteria of the relevant product class of the LEATHER STANDARD by OEKO-TEX® are valid and the Declaration of Conformity includes an obligation to ensure compliance with these requirements for these components. By signing the Declaration of Conformity, the customer also accepts that the certified articles will be monitored and controlled by OEKO-TEX® and / or the OEKO-TEX® approved institute for the purposes of OEKO-TEX® quality assurance (in addition to his own and internally required quality assurance).	申請者は、エコテックス®スタンダード 100 で認証希望する製品グループに対して、適合性宣言書を提出しなければなりません。この宣言書は、その認証製品が認証に用いられたエコテックス®スタンダード 100 の条件と規制値に適合している事と、製造/販売される製品と認証時に試験されたサンプルが常に一致し続けている (全く同一の製造技術、工程等) 事について全責任を持たなければなりません。もし種々の部材からなる製品の認証を希望する場合で (2. 適用範囲を参照)、エコテックス®レザースタンダード関連製品の条件と規制値が適用される時、これらの部材に対する要求事項が守られている事を確実にする義務も含む適合性宣言書を提出しなければなりません。顧客が適合性宣言書に署名/捺印をする事により、エコテックス®共同体やエコテックス®試験機関が品質保証 (個々以外にも、共同体内部で必要な品質保証) 目的で、認証製品を監視したり監督する事を認めることとなります。
Please refer to the Declaration of Conformity document and the relevant ToU for additional details and information about the possible consequences of violating the obligations in this standard document and its enclosures.	その他の詳細や、本規格とその付属書で定められた義務の違反/不履行より生じる結果に関する情報は適合性宣言書資料と利用規約 (ToU)を参照下さい。
6.4 Issuance of certificate	認証書の発行
The institute will issue a certificate if the testing / certification process is completed successfully and the required Declaration of Conformity has been submitted. The certificate is permitted to be used in	試験機関が試験/認証プロセスを合格と判断し、必要な適合性宣言書が提出されれば、認証書が発行されます。認証書は関連する事業や商取引で使用可能ですが、取扱いに関する制約条件がありますのでご注意下さい。

business correspondence only with restricted conditions. Please refer to the relevant ToU for additional information.

6.5 Use of the STANDARD 100 by OEKO-TEX® trademark

エコテックス®スタンダード 100 商標(ラベル/ロゴ)の使用

By issuing the certificate and handing it over to the customer, the OEKO-TEX® Service Ltd. grants the customer the right to use the STANDARD 100 by OEKO-TEX® trademark pursuant to the stipulations in this standard document and its corresponding ToU (trademark licence).

認証書を発行して顧客に渡すことで、顧客が本規格資料と関連する利用規約(ToU)(商標の認可)での規定事項を守ってエコテックス®スタンダード 100 商標(ラベル/ロゴ)を使用する権利をエコテックス®共同体は認めます。

Upon the expiration of the period of validity of the certificate or withdrawal thereof in accordance with the conditions specified in this standard document or in the ToU, the trademark licence expires with immediate effect and without the need for any verbal or written notice from the OEKO-TEX® Service Ltd. or the responsible testing institute.

認証書の有効期限失効や、本規格資料と利用規約(ToU)で規定された条件による商標の認可)での規定事項による認証撤回では、商標(ラベル/ロゴ)を使用する権利は、エコテックス®事務局や担当試験機関からの口頭や文書での通知なしで直ちに無くなります。

6.6 Declarations of the customer

顧客の宣言

The customer agrees that their address may be included in an international directory with references of owners of OEKO-TEX® certificates. This agreement may be withdrawn from in writing at any time.

顧客は、彼らの住所がエコテックス®認証保有者としてグローバルリストに含まれるかもしれないことに同意する。この契約は書面での連絡があればいつでも中止できます。

6.7 Relationship of documents

資料類の関連

If there are any contradictions between the aforementioned documents, the following order applies: this standard document as well as the application and Declaration of Conformity form the basis of the business relationship with the customer. They have priority over the ToU and any GTC of the testing institute; the ToU of the OEKO-TEX® Service Ltd. takes precedence over the GTC of the testing institute.

もし前述の資料類の間で矛盾がある場合には、即ち、本規格の資料、申請書、適合性宣言書での顧客との商取引に関して、次の優先順位が適用されます。それらは、利用規約ToUと試験機関の規約GTCよりも優先されます。エコテックス®共同体の利用規約ToUは、試験機関の規約GTCよりも優先されます。

Annex 1 / 付属書 1

OEKO-TEX® Institutes / エコテックス試験機関

The testing institutes are approved and authorised by the OEKO-TEX® Service Ltd. to provide tests, audits and other services in connection with OEKO-TEX® products.

The following institutes currently offer certification, licensing and a status report according to STANDARD 100, SteP, DETOX TO ZERO, MADE IN GREEN, ECO PASSPORT and / or LEATHER STANDARD.

Current address and contact information can always be found on the OEKO-TEX® homepage (www.oeko-tex.com).

試験機関はエコテックス®事務局によって権限を付与され、エコテックス®規格と関連した試験や監査とその他の業務を実施する事が認められています。

現在、以下の試験機関はスタンダード100、ステップ、デトックスツーゼロ、エコパスポート、レザースタンダードの各規格に基づく認証、ライセンス、状況報告書（試験データ）を提供しています。

現在の住所と連絡先は、常時エコテックス®ホームページ (www.oeko-tex.com) で閲覧可能です。

OEKO-TEX® Institute		STANDARD 100	GMO Test	LEATHER STANDARD	ECO PASSPORT	SteP	DETOX TO ZERO	MADE IN GREEN
AE	Hohenstein United Arab Emirates Flat no 802, Al Nahada Second, PO Box 234479, Dubai, United Arab Emirates	-	-	-	-	-	-	-
AR	CITEVE Argentina Av. Córdoba 612, 5° P. "A" - (C1054AAS), Ciudad de Buenos Aires, Argentina	X	X	X	X	X	X	X
AT	OETI - Institut fuer Oekologie, Technik und Innovation GmbH Siebenhirtenstrasse 12A, Objekt 8, 1230 Vienna, Austria	X	X	X	X	X	X	X
AU	TESTEX Swiss Textile-Testing Ltd. 5/510 Latrobe Boulevard, VIC 3220 Geelong, Australia	X	X	X	X	X	X	X
BA	OETI Bosnia-Herzegovina Pisari 38, 76239 Crkvina, Bosnia and Herzegovina	X	-	-	-	-	-	-
BD	Hohenstein Bangladesh House No. 138, Road No 4, Block C, 10th floor, Niharika Concord Tower, Kemal Ataturk Avenue, Banani, 1213 Dhaka, Bangladesh	X	X	X	X	X	X	X
BD	Hohenstein Bangladesh Momataz Plaza, 7th Floor, Apartment: 7A, Sastapur, Fatullah, Narayangonj, Bangladesh	X	X	X	X	X	X	X
BD	Hohenstein Bangladesh Atlas Rangs Plaza (Level-12), 7, Sheikh Mujib Road, Agrabad C/A, Chattogram-4000, Bangladesh	X	X	X	X	X	X	X
BD	OETI Bangladesh Dhaka Business Centre Limited, UTC Building, 19th Floor, 8 Pantho Path, 1215 Dhaka, Bangladesh	-	-	-	-	-	-	-
BE	CENTEXBEL Technologiepark 70, 9052 Zwijnaarde, Belgium	X	X	X	X	X	X	X
BG	Hohenstein Bulgaria 3 Golo Bardo str., app.1, 1407 Sofia, Bulgaria	X	X	X	X	X	X	X
BR	CITEVE Brasil Prestação de Serviços Lda. Avenida Angélica, 321, Higienópolis, São Paulo – SP, CEP 01227 – 000 Brazil, Brazil	X	X	X	X	X	X	X
BY	Hohenstein Belarus Pritytskogo str, 112-70, 220017 Minsk, Belarus	X	X	X	X	X	X	X
CA	TESTEX Swiss Textile-Testing Ltd. Suite 202B, 15127-100th Avenue, BC V3R 0N9 Surrey, Canada	X	X	X	X	X	X	X
CH	TESTEX AG, Swiss Textile Testing Institute Gotthardstrasse 61, 8002 Zurich, Switzerland	X	X	X	X	X	X	X
CL	CITEVE Chile Alfredo Barros Errazuriz 1954, of 702, Providencia, Santiago, Chile	X	X	X	X	X	X	X

OEKO-TEX® Institute		STANDARD 100	GMO Test	LEATHER STANDARD	ECO PASSPORT	StEP	DETOX TO ZERO	MADE IN GREEN
CN	TESTEX Swiss Textile-Testing Ltd. Room 302 Yangguang Tower, No.112 Xizhimen Wai Street, Xicheng District, 100 044 Beijing, China	X	X	X	X	X	X	X
CN	TESTEX Swiss Textile-Testing Ltd. Room 1318, 13F, Hitech Plaza, 831 Changshou Road, 200 042 Shanghai, China	X	X	X	X	X	X	X
CO	Hohenstein Colombia Cra 15 N. 91-30, Bogotá, Colombia	X	X	X	X	X	X	X
CZ	OETI Czechia Těšnov 5, 110 00 Praha 1, Czech Republic	X	X	X	X	X	X	X
DE	Deutsches Textilforschungsinstitut Nord-West ÖP GmbH Adlerstrasse 1, 47798 Krefeld, Germany	X	-	-	-	-	-	-
DE	FILK Freiberg Institute gGmbH Meißner Ring 1-5, 09599 Freiberg, Germany	X ¹	-	X	X	X	X	-
DE	HOHENSTEIN Textile Testing Institute GmbH & Co. KG Schlosssteige 1, 74357 Bönningheim, Germany	X	X	X	X	X	X	X
DE	Sächsisches Textilforschungsinstitut e.V. Annaberger Str. 240, 09125 Chemnitz, Germany	X	-	-	-	-	-	-
DE	Umweltlabor ACB GmbH Albrecht-Thaer-Strasse 14, 48147 Münster, Germany	X	X	-	-	-	-	-
DK	DTI Tekstil Teknologisk Institut Gregersensvej, 2630 Taastrup, Denmark	X	-	X	X	X	X	X
DO	Hohenstein Dominican Republic Av. José Contreras 158, Santo Domingo, Dominican Republic	X	X	X	X	X	X	X
EC	Hohenstein Ecuador Calle 24 de mayo N 18 y García Moreno, Quito, Ecuador	X	X	X	X	X	X	X
EG	OETI Egypt 24 El Atebaa St., Dokki, Giza, Egypt	X	X	X	X	X	X	X
ES	AITEX Instituto Tecnológico Textil Plaza Emilio Sala, 1, 03801 Alcoy (Alicante) España, Spain	X	X	X	X	X	X	X
ET	Hohenstein Ethiopia E-Mail: Ethiopia@hohenstein.com	X	X	X	X	X	X	X
FR	IFTH Institut Français du Textile et de l'Habillement Avenue Guy de Collongue, 69134 Ecully Cédex, France	X	X	X	X	X	X	X
GR	MIRTEC S.A. (CLOTEFI – Athens Division) Eleftheriou Venizelou 4, 17676 Kallithea, Athens, Greece	X	-	X	-	-	-	-
GT	Hohenstein Guatemala Ms. Miriam Estrada, 13 Ave. 25-30 Zona 12, Guatemala, Guatemala	X	X	X	X	X	X	X
HK	TESTEX Swiss Textile-Testing Ltd. Unit 617, Peninsula Centre, 67 Mody Road, Tsim Sha Tsui East, Kowloon, Hongkong	X	X	X	X	X	X	X
HN	Hohenstein Honduras Residencial Campisa M7, San Pedro Sula, Honduras	X	X	X	X	X	X	X
HR	OETI Croatia Stepana Radica 4, 53270 Senj, Croatia	X	-	X	-	-	-	-
HU	INNOVATEX Textile Engineering and Testing Institute Co. Gyömrői út 86, 1103 Budapest, Hungary	X	-	X	-	X	X	X

¹ Certification without consideration of classic textile garments / 伝統衣料を考慮しない、認証

	OEKO-TEX® Institute	STANDARD 100	GMO Test	LEATHER STANDARD	ECO PASSPORT	StEP	DETOX TO ZERO	MADE IN GREEN
ID	PT. TESTEX TESTING AND CERTIFICATION Wisma Bumiputera, 5th Floor, Suites 507, Jl. Asia Afrika no. 141-149, 40112 Bandung, Indonesia	X	X	X	X	X	X	X
ID	PT. TESTEX Testing and Certification Sona Topas Tower, 6th Floor, Jl. Jend Sudirman Kav 26, 12920 Jakarta, Indonesia	X	X	X	X	X	X	X
IE	TESTEX Swiss Textile-Testing 2056 Castle Drive, Citywest Rd, Citywest Business Campus, D24 YH58 Dublin 24, Ireland	X	X	X	X	X	X	X
IL	OETI Israel Kibbutz Reim, 8513200 Israel, Israel	X	X	X	X	X	X	X
IN	Hohenstein India Pvt. Ltd Gurugram Office GK Tower, Plot No-33, Udyog Vihar, Phase – IV, Gurugram, Haryana – 122015, Haryana, India	X	X	X	X	X	X	X
IN	Hohenstein India Pvt. Ltd. Sri Sai Supra House, Plot No.9, Annamalai Avenue, Nehru Nagar-East, Civil Aerodome-Post, 641014 Coimbatore - Tamilnadu, India	X	X	X	X	X	X	X
IN	Hohenstein India Pvt. Ltd. 604-B, Regency Plaza, Above Gloria Restaurant, Near Madur Hall, Anand Nagar Cross Roads, 110 Feet Road, Satellite, 380015 Ahmedabad, India	X	X	X	X	X	X	X
IN	Hohenstein India Pvt. Ltd. Mumbai Office Office No. 131, 3rd Floor, Building No. 1, Solitaire Corporate Park, Guru Hargovindji Marg, Andheri-Ghatkopar Link Road, Andheri (E), 400 093 Mumbai, India	X	X	X	X	X	X	X
IN	OETI India 3/150 Pothigai Gardens Rd, Tamil, Vellanaipatti, Coimbatore, Nadu 641048 Coimbatore - Tamilnadu, India	-	-	-	-	-	-	-
IR	OETI Iran Unit 14, NO. 33, Sheikh Shabani Street, Shahid Kaboli Street, Seyyed Khandan, 1631679111 Tehran, Iran	X	X	X	X	X	X	X
IT	CENTRO TESSILE COTONIERO E ABBIGLIAMENTO S.p.A. Piazza Sant' Anna 2, 21052 Busto Arsizio VA, Italy	X	X	X	X	X	X	X
JO	Hohenstein Jordan Beside Masjid Osama Ben Zaid, Alkharoub street, 13111 Zarqa, Jordan	-	-	-	-	-	-	-
JP	Nissenken Quality Evaluation Center OEKO-TEX® Laboratory 2-16-11 Kuramae, Taito-ku, 111-0051 Tokyo, Japan	X	-	X	X	X	X	X
KE	Shirley Technologies Ltd 17th Floor, ICEA Building (opposite Stanley Hotel), Kenyatta Avenue, PO Box 15168-00400, Nairobi, Kenya	X	X	X	X	X	X	X
KH	Hohenstein Cambodia Legacy Business Center 11F, No. 29, Mao Tse Toung Blvd, Phnom Penh 120110, Cambodia	X	X	X	X	X	X	X
KR	TESTEX Swiss Textile-Testing Ltd. 4Fl, SeokCheon Building, 542, Samseong-Ro, Gangnam-Gu, Seoul, 06166, Korea, South	X	X	X	X	X	X	X
LA	Hohenstein Institute Laos Khamsavath Village, Xaysetha District, Vientiane Capital, Laos	X	X	X	X	X	X	X
LK	Hohenstein Sri Lanka No 186-2/1, 2nd Floor, Hill Street, Dehiwela, Colombo, Sri Lanka	X	X	X	X	X	X	X
LT	AITEX Lithuania Vytauto av. 32- 311, 44328 Kaunas, Lithuania	X	X	X	X	X	X	X
MA	OETI Morocco Boulevard IBN SINA, Imm B9 Apt 182, MAARIF, 20190 Casablanca, Morocco	X	X	X	X	X	X	X
MD	OETI Moldova Str. Alexe Mateevici 84/1, 2009 Chisinau, Moldova	X	X	X	X	X	X	X

	OEKO-TEX® Institute	STANDARD 100	GMO Test	LEATHER STANDARD	ECO PASSPORT	StEP	DETOX TO ZERO	MADE IN GREEN
MG	TESTEX Swiss Textile-Testing Ltd. c/o Rakotomalala Rija Rakotomalala, Lot VK 63 TER EC, Ambohitsoa, Antananarivo, Madagascar	-	-	X	-	-	-	-
MK	OETI - North Macedonia Naroden Front 23/4/2, 1000 Skopje, North Macedonia	X	X	X	X	X	X	X
MM	Hohenstein Myanmar Building No. A2 , Room No. 302, 48 quarters, Bo Bahtoo Road, Bo Bahtoo Housing, North Dagon, Yangon, Myanmar	X	X	X	X	X	X	X
MU	TESTEX Swiss Textile-Testing Ltd. c/o Hemraj Ramnarain, 57, Canal Bathurst Street, Ste Croix, Port-Louis, Mauritius	-	-	X	-	-	-	-
MX	Hohenstein Mexico Picagregos No. 154 Bis, Col. Lomas de Las Aguilas, Deleg. Alvaro Obregón, 01730 Mexico, D.F., Mexico	X	X	X	X	X	X	X
MY	TESTEX Swiss Textile-Testing Ltd. S-12-08, 12th Floor, South Block Office Tower, First Subang, Jalan SS 15/4G, 47500 Subang Jaya, Selangor Ehsan, Malaysia	X	X	X	X	X	X	X
NO	RISE Research Institutes of Sweden P.O. Box 4767 Torgarden, 7465 Trondheim, Norway	X	-	X	X	X	X	X
NP	Hohenstein Nepal Godavari Municipality- 13, Tashin Chowk, Lalitpur, Nepal	X	-	X	-	-	-	-
NZ	TESTEX Swiss Textile-Testing Ltd. 2 Waikohua Place, 0116 Ruakaka, New Zealand	X	X	X	X	X	X	X
PE	Hohenstein Peru Jr. El Cascajal 522-C, Las Casuarinas de Monterrico, Surco, Lima , Peru	X	X	X	X	X	X	X
PH	TESTEX Philippines Representative Office 1504A Richville Corporate Tower, 1107 Alabang-Zapote Road, Madrigal Business Park, Alabang, Muntinlupa City, Metro Manila, Philippines	X	X	X	X	X	X	X
PK	AITEX Pakistan 4-D, Aziz Avenue, Justice Sardar Iqbal Road, Gulberg V, Lahore, Pakistan	X	X	X	X	X	X	X
PL	SIEĆ BADAWCZA ŁUKASIEWICZ - ŁÓDZKI INSTYTUT TECHNOLOGICZNY ul. M. Skłodowskiej-Curie 19/27, 90-570 Łódź, Poland	X	-	X	X	X	X	X
PT	CITEVE Centro Tecnológico das Indústrias Têxtil Rua Fernando Mesquita, 2785, 4760-034 Vila Nova de Famalicão, Portugal	X	X	X	X	X	X	X
RO	Hohenstein Romania Str. Magheranului nr. 80, 550125 Sibiu, Romania	X	X	X	X	X	X	X
RS	OETI Serbia Nedeljka Cabrinovica 64/45, 11030 Belgrade Serbia, Serbia	X	X	X	X	X	X	X
RU	Hohenstein Russia ul. Bolshaya Dmitrovka d. 32, c 1, Office 307, 125 009 Moskau, Russia	X	X	X	X	X	X	X
SA	Hohenstein Saudi Arabia 7273 Al Asemah Dist, 13713 AD Dir'iyah, Saudi Arabia	-	-	-	-	-	-	-
SE	RISE Research Institutes of Sweden AB Argongatan 30, Box 104, 43153 Mölndal, Sweden	X	-	X	X	X	X	X
SG	Shirley Technologies Ltd. 18 Boon Lay Way, #07-147, Trade Hub 21, 609966 Singapore, Singapore	X	X	X	X	X	X	X
SK	VŮTCH-CHEMITEX, spol. s r.o. Rybníky 954, 01168 Žilina, Slovakia	X	-	X	-	-	-	-
SV	Hohenstein El Salvador Senda 17 polígono 2 J #9, La Sábana 3, Santa Tecla, La Libertad, El Salvador	X	X	X	X	X	X	X

OEKO-TEX® Institute		STANDARD 100	GMO Test	LEATHER STANDARD	ECO PASSPORT	StEP	DETOX TO ZERO	MADE IN GREEN
SY	Hohenstein Syria Mokambo Square, Etehad Street, P.O.Box 16282, Aleppo, Syria	X	X	X	X	X	X	X
TH	Hohenstein (Thailand) Co., Ltd. 801/301 (3rd Floor), Moo 8 , Phaholyothin Rd., T. Kukhot, Lumlookkar, 12130 Pathum Thani, Thailand	X	X	X	X	X	X	X
TN	CITEVE Tunisie Immeuble Chraka Escalier B1er Etage, 5000 Monastir, Tunisia	X	X	X	X	X	X	X
TR	Hohenstein Istanbul Tekstil Analiz ve Kontrol Hizmetleri Ltd. Tekstil Analiz ve Kontrol Hizmetleri Ltd. Şti., Cumhuriyet Mah. 1990. Sok. No. 8, Çınarpark Residence, A Blok, Dükkan: 5, 34515 Esenyurt, Istanbul, Turkey	X	X	X	X	X	X	X
TW	TESTEX Swiss Textile-Testing Ltd. Rm. 5, 20F., No. 77, Section 2, Dunhua S. Road, Da'an District, 10682 Taipei City, Taiwan	X	X	X	X	X	X	X
TZ	Hohenstein Tanzania NAZARETH V61-261-1, Njombe, Njombe, Tanzania	X	X	X	X	X	X	X
UA	OETI Ukraine Sheremety str.2, second floor, office №1, 76018 Ivano Frankivsk, Ukraine	X	X	X	X	X	X	X
UK	Shirley Technologies Limited Unit 11, Westpoint Enterprise Park, Clarence Avenue, M17 1QS Manchester, United Kingdom	X	X	X	X	X	X	X
US	Hohenstein Institute America, Inc. 401 S. Cavin Street, IN 46767 Ligonier, United States	X	X	X	X	X	X	X
UZ	Hohenstein Uzbekistan S. Maschhadiy Str. 79, office 404, 100007 Taschkent, Uzbekistan	X	X	X	X	X	X	X
VN	Hohenstein Vietnam 45/2, Street No. 160, Tang Nhon Phu A Ward, Thu Duc City, Ho Chi Minh City, Vietnam	X	X	X	X	X	X	X
ZA	Shirley Technologies Limited ---, --- Durban, South Africa	-	-	-	-	-	-	-

The OEKO-TEX® Secretariat can be contacted at the following ad- エコテックス®事務局へ、以下のアドレスで連絡可能です。
 dress:

<p>OEKO-TEX® Service GmbH Genferstrasse 23, CH-8002 Zürich, Switzerland Phone: +41 44 501 26 00 E-Mail: info@oekotex.com Web: www.oeko-tex.com</p>

Annex 2 / 付属書 2**Labelling**

ラベル

This is the label of the STANDARD 100 by OEKO-TEX®. This label is issued, for example, for the labelling of certified textiles and clothing. When a STANDARD 100 certificate is issued, the certificate holder receives a licence to use the corresponding OEKO-TEX® label.

これがエコテックス®スタンダード 100 ラベルです。このラベルは、例えば、認証された繊維製品と衣料品のためのラベリング用として発行されます。スタンダード 100 の認証書が発行される時、その認証保有者は該当するエコテックス®ラベルの使用許可を得ます。

The label must be used in the form provided by OEKO-TEX®. It must be clearly visible which products are certified.

ラベルはエコテックス®が設定した様式で使用して下さい。ラベルは認証製品がどれか、明確に分かるようにして下さい。

Each label contains the following information: Product brand, certificate number, testing institute, product claim, website, QR Code (optional).

ラベルは次の情報を含めて下さい: エコテックス®規格名/ロゴ、認証番号、試験機関、ウェブサイト、QRコード (オプション)

Logo _____

Pledge & web address _____



_____ Certificate number & responsible institut

These elements are always part of the label. Without these elements the label is not valid.

これらは、常に必要なラベル要素です。これらの要素がないラベルは無効です。

The label is available in different languages, multilingual and in different file formats. All OEKO-TEX® labels are available online via myOEKO-TEX®.

ラベルは、種々の言語で作成可能で、複数言語でも可能です。全てのエコテックス®規格ラベルは myOEKO-TEX® でオンライン入手可能です。

<https://my.oeko-tex.com/customer-portal/public/login/>

<https://my.oeko-tex.com/customer-portal/public/login/>

All other relevant information (e.g. colours, black/white, minimum sizes etc.) on the OEKO-TEX® labels can be found in the OEKO-TEX® "Labelling Guide".

エコテックス®ラベルに関するその他の関連情報 (例、色彩、白/黒、最少サイズ等) はエコテックス®「ラベリングガイド」をご覧ください。

www.oeko-tex.com/en/labelling_guide

www.oeko-tex.com/en/labelling_guide

In the design of the multi-coloured label the following colours must be used:

多色ラベルのデザインは、次の色彩を使用して下さい。

CMYK	0 10 10 60	CMYK	0 143 100 0
PANTONE	Cool Gray 9	PANTONE	130
HTML	# 87888a	HTML	# f5a200
RGB	135 136 138	RGB	245 162 0

Annex 3 / 付属書 3

Packaging of sample material

The packaging for test samples must meet specific requirements. Test samples must be individually packaged in tear-resistant polyethylene film or polyethylene film bags to prevent possible dirtying or contamination during transport and cross contamination between samples and to ensure that test results are precise and reproducible. The packaging must be shut with double wrapping and sticking with tape if possible. Adhesive / packaging tape must NOT be used to stick the sample itself shut. Packaging materials must not contain any polyfluorinated or perfluorinated components. The packaging must be packed in a second case that is sealed tight with adhesive tape. Avoid simply packaging the test sample in cardboard boxes and / or paper.

The OEKO-TEX® Institute reserves the right to reject sample material possibly and to request new samples.

If the OEKO-TEX® Institute uses samples for the tests which have not been packaged by the applicant in accordance with these instructions, the applicant accepts that the OEKO-TEX® Institute is not responsible for any “inaccurate” test sample results which are caused by contamination, etc. as a result of the samples not been packaged properly by the customer.

サンプル送付の包装

試験サンプルの包装は、下記の必要事項に従って下さい。サンプルは、破れないポリエチレンフィルム袋で個別に包装し、輸送中の汚れや移染とサンプル同士での相互汚染を防いで、試験結果の正確さと再現性を確保して下さい。できれば、接着剤や包装テープがサンプル自体に付かないように、包装を二重にして接着テープで留めて、下さい。包装材料に、フッ素化合物を含まない物を使用し、包装は二重に行い、外側の袋を接着テープで密閉して下さい。試験サンプルを段ボール箱や紙のみで簡単に包装する事は避けて下さい。

エコテックス®試験機関は送付されたサンプルを拒否し、新しいサンプルを要求する権利があります。

申請者がこれらの指示に従わないでサンプルを送付した場合、エコテックス®試験機関は、汚染等による如何なる不正確な試験結果の責任は持てない事を了承します。

Annex 4
Limit values table / 規制値表

Any value measured in the laboratory (which is measured in mg/kg, 試験機関で測定された試験結果 (測定単位は mg/kg、µg/µg/m² or w-%) must be below the specified limit to obtain the certificate. m²、又は w-%) は全て、特定された規制値未満でなければ、認証とはなりません。

Limit values and fastness, part 1

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
pH value¹				
	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyde, free and partially releasable [mg/kg]				
Law 112	n.d. ²	75	150	300
Extractable (heavy) metals [mg/kg]				
Sb (Antimony)	30.0	30.0	30.0	
As (Arsenic)	0.2	1.0	1.0	1.0
Pb (Lead)	0.2	1.0 ³	1.0 ³	1.0 ³
Cd (Cadmium)	0.1	0.1	0.1	0.1
Cr (Chromium)	1.0	2.0	2.0	2.0
Cr(VI)	0.5			
Co (Cobalt)	1.0	4.0	4.0	4.0
Cu (Copper)	25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (Nickel) ⁵	1.0 ⁶	4.0 ⁷	4.0 ⁷	4.0 ⁷
Hg (Mercury)	0.02	0.02	0.02	0.02
Ba (Barium)	1000	1000	1000	1000
Se (Selenium)	100	100	100	100
Heavy metals total content [mg/kg]				
As (Arsenic)	100	100	100	100
Cd (Cadmium)	40.0	40.0 ³	40.0 ³	40.0 ³
Hg (Mercury)	0.5	0.5	0.5	0.5
Pb (Lead)	90.0	90.0 ³	90.0 ³	90.0 ³
Pesticides [mg/kg]^{8,9}				
Sum ⁹	0.5	1.0	1.0	1.0
Glyphosate and salts for conventional cotton	5	5	5	5
Pesticides under observation ⁹	u.o. ¹⁰			

¹ Exceptions for products which must be treated wet during the further processing: 4.0 - 10.5; for foams: 4.0 - 9.0; for film materials (e.g. polyolefin films) with incorporated Calciumcarbonate/ carbonate or talc, which do not have directly contact to skin: 4.0 - 10.0

² n.d. corresponds according to „Japanese Law 112“ test method with an absorbance unit less than 0.05 resp. 16 mg/kg

³ For accessories made from glass: 0.1 % (1000 mg/kg)

⁴ No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products

⁵ Including the requirement by REACH-Regulation Annex XVII, Entry 27

⁶ For metallic accessories and metallized surfaces: 0.5 mg/kg

⁷ For metallic accessories and metallized surfaces: 1.0 mg/kg

⁸ For natural fibres only

⁹ The individual substances are listed in Annex 5

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

Annex 4

Limit values and fastness, part 2

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Chlorinated phenols [mg/kg]⁹				
Pentachlorophenol (PCP)	0.05	0.5	0.5	0.5
Tetrachlorophenols (TeCP), Sum	0.05	0.5	0.5	0.5
Trichlorophenols (TrCP), Sum	0.2	2.0	2.0	2.0
Dichlorophenols (DCP), Sum	0.5	3.0	3.0	3.0
Monochlorophenols (MCP), Sum	0.5	3.0	3.0	3.0
Phthalates [w-%]¹¹				
Sum ⁹	0.05	0.05	0.05	
Sum without DINP ⁹				0.1
Organic tin compounds [mg/kg]⁹				
TBT, TPhT	0.5	1.0	1.0	1.0
DBT, DMT, DOT, DPhT, DPT, MBT, MOT, MMT, MPhT, TeBT, TeET, TCyHT, TMT, TOT, TeOT, TPT	1.0	2.0	2.0	2.0
Other chemical residues				
Carcinogenic Arylamines [mg/kg] ^{9,12,13}	20	20	20	20
Arylamines under observation ⁹		u.o. ¹⁰		
Aniline [mg/kg] ^{9,14}	20	50	50	50
Benzene [mg/kg] ⁹	5.0	5.0	5.0	5.0
Bisphenol A [mg/kg] ⁹	100	100	100	100
Bisphenol B [mg/kg] ⁹	1000	1000	1000	1000
Diazene-1,2-dicarboxamide [w%] ⁹	0.1	0.1	0.1	0.1
DMFu [mg/kg] ⁹	0.1	0.1	0.1	0.1
OPP [mg/kg] ⁹	10	25	25	25
Phenol [mg/kg] ⁹	20	50	50	50
Quinoline [mg/kg] ⁹	50	50	50	50
Glutaraldehyde / グルタルアルデヒド [mg/kg] ⁹	1000	1000	1000	1000
TCEP [mg/kg] ⁹	10	10	10	10
Chemical residues under observation ⁹		u.o. ¹⁰		
Colourants [mg/kg]				
Cleavable carcinogenic arylamines ^{9,13}	20	20	20	20
Cleavable arylamines under observation ^{9,13}		u.o. ¹⁰		
Cleavable Aniline ^{9,14}	20	50	50	50
Carcinogens ⁹		50		
Colourants with ≥ 0.1% Michler's Ketone/Base / ミチラーズケトン/ベースを 0.1%以上含有する色材 ⁹		1000		
Allergens ⁹		50		
Others ⁹		50		
Navy Blue ⁹		not used		
Colourants under observation / 監視対象 色材		u.o. / 監視対象 ¹⁰		

⁹ The individual substances are listed in Annex 5

¹¹ For coated articles, plastisol prints, flexible foams, and accessories made from plastics

¹² For all materials containing polyurethane or other materials which may contain free carcinogenic arylamines

¹³ The sum of cleavable carcinogenic arylamine and of possibly also as chemical residue present free carcinogenic (same) arylamine has to be also 20 mg/kg

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

¹⁴ The sum of cleavable aniline and of possibly also as chemical residue present free aniline has to be also 20 mg/kg (product class I) resp. 50 mg/kg (product classes II till IV)

Annex 4

Limit values and fastness, part 3

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Chlorinated benzenes and toluenes [mg/kg]⁹				
Sum	1.0	1.0	1.0	1.0
Polycyclic aromatic hydrocarbons (PAHs) [mg/kg]¹⁵				
Benzo[a]pyrene	0.5	1.0	1.0	1.0
Benzo[e]pyrene	0.5	1.0	1.0	1.0
Benzo[a]anthracene	0.5	1.0	1.0	1.0
Chrysene	0.5	1.0	1.0	1.0
Benzo[b]fluoranthene	0.5	1.0	1.0	1.0
Benzo[j]fluoranthene	0.5	1.0	1.0	1.0
Benzo[k]fluoranthene	0.5	1.0	1.0	1.0
Dibenzo[a,h]anthracene	0.5	1.0	1.0	1.0
Sum 24 PAHs ⁹	5.0	10.0	10.0	10.0
Biological active products				
	none ¹⁶			
Flame retardant products				
General	none (10 mg/kg; each; for sum SCCP + MCCP 50 mg/kg) ^{16,17} Sum of all 50 mg/kg			
Solvent residues [w-%]^{9,18}				
NMP ¹⁹	0.05 0.10 ²⁰			
DMAc ¹⁹	0.05 0.10 ²⁰			
DMF ¹⁹	0.05 0.10 ²⁰			
Formamide	0.02	0.02	0.02	0.02
Surfactant, wetting agent residues, alkyl phenols [mg/kg]⁹				
BP, NP, OP, HpP, PeP; / Sum	10.0	10.0	10.0	10.0
BP, NP, OP, HpP, PeP, NP(EO), OP(EO); / Sum	100.0	100.0	100.0	100.0

⁹ The individual substances are listed in Annex 5

¹⁵ For all synthetic fibres, yarns, or threads and for plastic materials

¹⁶ With exception of treatments accepted by OEKO-TEX® (see actual list on <http://www.oeko-tex.com>)

¹⁷ Accepted flame retardant products do not contain any of the banned flame retardant substances listed in Annex 5 as active agent

¹⁸ For fibre, yarns, fabrics and coated articles (e.g. artificial leather) as well as foams (EVA, PVC), where solvents are used during production

¹⁹ Exception for products which must undergo further industrial production stages (heat process in wet or dry stage preferred, but also other steps are possible): maximal 3.0 %

²⁰ For materials made of acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramides as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles. / For materials made of acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramides as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles / Für Materialien aus Polyacrylnitril (PAN), Elasthan (EL).

Annex 4

Limit values and fastness, part 4

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
PFCs, Per- and polyfluorinated compounds^{9,21}				
PFOS, PFOA, PFOSA, PFOSF, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE; / Sum / 合計 [µg/m ²]	1.0	1.0	1.0	1.0
PFOA and salts Sum [mg/kg]	0.025	0.025	0.025	0.025
PFHpA [mg/kg]	0.05	0.1	0.1	0.5
PFNA [mg/kg]	0.05	0.1	0.1	0.5
PFDA [mg/kg]	0.05	0.1	0.1	0.5
PFUdA [mg/kg]	0.05	0.1	0.1	0.5
PFDoA [mg/kg]	0.05	0.1	0.1	0.5
PFTrDA [mg/kg]	0.05	0.1	0.1	0.5
PFTeDA [mg/kg]	0.05	0.1	0.1	0.5
Further Perfluorinated carboxylic acids, each; according to Annex 5 [mg/kg]	0.05			
Perfluorinated sulfonic acids, each; according to Annex 5 [mg/kg]	0.05			
Partially fluorinated carboxylic / sulfonic acids, each; according to Annex 5 [mg/kg]	0.05			
Partially fluorinated carboxylic / sulfonic acids, under observation		u.o. ¹⁰		
Partially fluorinated linear alcohols, each; according to Annex 5 [mg/kg]	0.50			
Esters of fluorinated alcohols with acrylic acid, each; according to Annex 5 [mg/kg]	0.50			
PFOA related Substances Sum [mg/kg] ²²	1.0	1.0	1.0	1.0
UV stabilizers [w-%]⁹				
UV 320	0.1	0.1	0.1	0.1
UV 327	0.1	0.1	0.1	0.1
UV 328	0.1	0.1	0.1	0.1
UV 350	0.1	0.1	0.1	0.1
Chlorinated paraffins⁹				
Sum of SCCP and MCCP [mg/kg]	50	50	50	50
Siloxanes [w-%]⁹				
Octamethylcyclotetrasiloxane (D4)	0.1	0.1	0.1	0.1
Decamethylcyclopentasiloxane (D5)	0.1	0.1	0.1	0.1
Dodecamethylcyclohexasiloxane (D6)	0.1	0.1	0.1	0.1
N-Nitrosamines; each⁹ [mg/kg]	0.5	0.5	0.5	0.5
N-nitrosatable substances; Sum [mg/kg]	5	5	5	5

⁹ The individual substances are listed in Annex 5

²¹ For all materials with a water, soil or oil repellent finish or coating

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

²² Any other substance, which can degrade to PFOA, including substances (also salts and polymers) having linear or branched perfluoroheptyl derivatives with the formula (C₇F₁₅)C as a structural element. Except those derivatives with the formula C₈F₁₇-X, where X= F, Cl, Br, and fluoropolymers that are covered by CF₃[CF₂]_n-R', where R'=any group, n> 16, and perfluoroalkyl carboxylic acids (including their salts, esters, halides and anhydrides) with ≥ 8 perfluorinated carbons. Also excluded are perfluoroalkane sulfonic acids and perfluoro phosphonic acids (including their salts, esters, halides and anhydrides) with ≥ 9 perfluorinated carbons or, perfluorooctanesulfonic acid and its derivatives (PFOS), which are listed in the Appendix I Part A of the regulation VO (EU) 2019/1021.

Annex 4

Limit values and fastness, part 5

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Colour fastness (staining)				
To water	3 - 4	3	3	3
To acidic perspiration	3 - 4	3 - 4	3 - 4	3 - 4
To alkaline perspiration	3 - 4	3 - 4	3 - 4	3 - 4
To rubbing, dry ^{23,24}	4	4	4	4
To saliva and perspiration	fast			
Emission of volatiles [mg/m³]²⁵				
Formaldehyde [50-00-0]	0.1	0.1	0.1	0.1
Toluene [108-88-3]	0.1	0.1	0.1	0.1
Styrene [100-42-5]	0.005	0.005	0.005	0.005
4-Vinylcyclohexene [100-40-3]	0.002	0.002	0.002	0.002
4-Phenylcyclohexene [4994-16-5]	0.03	0.03	0.03	0.03
Butadiene [106-99-0]	0.002	0.002	0.002	0.002
Vinylchloride [75-01-4]	0.002	0.002	0.002	0.002
Aromatic hydrocarbons	0.3	0.3	0.3	0.3
Organic volatiles	0.5	0.5	0.5	0.5
Organic cotton fibres and materials²⁶				
Glyphosate and salts for organic cotton	0.5	1.0	1.0	1.0
Genetically modified organisms (GMO)	not detectable			
Determination of odours				
General	no abnormal odour ²⁷			
SNV 195 651 (Modified) ²⁵	3	3	3	3
Banned fibres				
Asbestos	not used			
Process preservative agents / 工程用防腐剤				
Process preservative agents under observation / 監視対象 工程用防腐剤 ⁹	u.o. / 監視対象 ¹⁰			

²³ No requirements for 'wash-out' – articles

²⁴ For pigment, vat or sulphurous colourants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable

²⁵ For textile carpets, mattresses as well as foams and large coated articles not being used for clothing

²⁶ Refer also to item 5.5. of this standard

²⁷ No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume

⁹ The individual substances are listed in Annex 5

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

Annex 5

Compilation of the individual substances for Annex 4, part 1

Pesticides

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
Acetamiprid	135410-20-7, 160430-64-8	Heptachloroepoxide	1024-57-3, 28044-83-9
Aldicarb	116-06-3	Hexachlorobenzene	118-74-1
Aldrine	309-00-2	Hexachlorocyclohexane, α -	319-84-6
Azinophosethyl	2642-71-9	Hexachlorocyclohexane, β -	319-85-7
Azinophosmethyl	86-50-0	Hexachlorocyclohexane, δ -	319-86-8
Bromophos-ethyl	4824-78-6	Imidacloprid	105827-78-9, 138261-41-3
Captafol	2425-06-1	Isodrine	465-73-6
Carbaryl	63-25-2	Kelevane	4234-79-1
Chlorbenzilate	510-15-6	Kepone	143-50-0
Chlordane	57-74-9	Lindane	58-89-9
Chlordimeform	6164-98-3	Malathion	121-75-5
Chlorfenvinphos	470-90-6	MCPA	94-74-6
Clothianidin	210880-92-5	MCPB	94-81-5
Coumaphos	56-72-4	Mecoprop	93-65-2
Cyfluthrin	68359-37-5	Metamidophos	10265-92-6
Cyhalothrin	91465-08-6	Methoxychlor	72-43-5
Cypermethrin	52315-07-8	Mirex	2385-85-5
DEF	78-48-8	Monocrotophos	6923-22-4
Deltamethrin	52918-63-5	Nitenpyram	150824-47-8, 120738-89-8
DDD	53-19-0, 72-54-8	Parathion	56-38-2
DDE	3424-82-6, 72-55-9	Parathion-methyl	298-00-0
DDT	50-29-3, 789-02-6	Perthane	72-56-0
Diazinon	333-41-5	Phosdrin / Mevinphos	7786-34-7
Dichlorprop	120-36-5	Phosphamidone	13171-21-6
Dicrotophos	141-66-2	Propethamphos	31218-83-4
Dieldrine	60-57-1	Profenophos	41198-08-7
Dimethoate	60-51-5	Strobane	8001-50-1
Dinoseb, its salts and acetate	88-85-7 et. al.	Quinalphos	13593-03-8
Dinotefuran	165252-70-0	Telodrine	297-78-9
Endosulfan	115-29-7	Thiacloprid	111988-49-9
Endosulfan, α -	959-98-8	Thiamethoxam	153719-23-4
Endosulfan, β -	33213-65-9	Toxaphene	8001-35-2
Endrine	72-20-8	Trifluralin	1582-09-8
Esfenvalerate	66230-04-4		

Pesticides under observation

Name	CAS-Nr.	Name	CAS-Nr.
Carbendazim	10605-21-7	DTTB	63405-99-2
Chlorothalonil	1897-45-6	Metam-sodium	137-42-8
Dichlorophene	97-23-4	Silafluofen	105024-66-6
Dicofol	115-32-2	Tolyfluamide	731-27-1

Glyphosate and salts

(e.g. Isopropylammonium - salt, potassium salt, ammonium salt)	1071-83-6 38641-94-0 70901-12-1 40465-66-5 et.al.
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Chlorinated phenols

Name	CAS-Nr.	Name	CAS-Nr.
Pentachlorophenol	87-86-5	2,3-Dichlorophenol	576-24-9
2,3,4,5-Tetrachlorophenol	4901-51-3	2,4-Dichlorophenol	120-83-2
2,3,4,6-Tetrachlorophenol	58-90-2	2,5-Dichlorophenol	583-78-8
2,3,5,6-Tetrachlorophenol	935-95-5	2,6-Dichlorophenol	87-65-0
2,3,4-Trichlorophenol	15950-66-0	3,4-Dichlorophenol	95-77-2
2,3,5-Trichlorophenol	933-78-8	3,5-Dichlorophenol	591-35-5
2,3,6-Trichlorophenol	933-75-5	2-Chlorophenol	95-57-8
2,4,5-Trichlorophenol	95-95-4	3-Chlorophenol	108-43-0
2,4,6-Trichlorophenol	88-06-2	4-Chlorophenol	106-48-9
3,4,5-Trichlorophenol	609-19-8		

Annex 5

Compilation of the individual substances for Annex 4, part 2

Phthalates

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Benzylbutylphthalate	85-68-7	BBP
Dibutylphthalate	84-74-2	DBP
Diethylphthalate	84-66-2	DEP
Dimethylphthalate	131-11-3	DMP
Di-(2-ethylhexyl)phthalate	117-81-7	DEHP
Di-(2-methoxyethyl)phthalate	117-82-8	DMEP
Di-C6-8-branched alkylphthalates, C7 rich	71888-89-6	DIHP
Di-C7-11-branched and linear alkylphthalates	68515-42-4	DHNUP
Dicyclohexylphthalate	84-61-7	DCHP
Dihexylphthalates, branched and linear	68515-50-4	DHxP
Di-iso-butylphthalate	84-69-5	DIBP
Di-iso-hexylphthalate	71850-09-4	DIHxP
Di-iso-octylphthalate	27554-26-3	DIOP
Di-iso-nonylphthalate	28553-12-0, 68515-48-0	DINP
Di-iso-decylphthalate	26761-40-0, 68515-49-1	DIDP
Di-n-propylphthalate	131-16-8	DPrP
Di-n-hexylphthalate	84-75-3	DHP
Di-n-octylphthalate	117-84-0	DNOP
Di-n-nonylphthalate	84-76-4	DNP
Di-pentylphthalate (n-, iso-, or mixed)	131-18-0, 605-50-5, 776297-69-9, 84777-06-0	DPP
1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters	68515-51-5	
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1	

Organic tin compounds

<u>Name</u>	<u>Acronym</u>	<u>Name</u>	<u>Acronym</u>
Dibutyltin	DBT	Tetrabutyltin	TeBT
Dimethyltin	DMT	Tetraethyltin	TeET
Diocetyl tin	DOT	Tributyltin	TBT
Diphenyltin	DPhT	Tricyclohexyltin	TCyHT
Dipropyltin	DPT	Trimethyltin	TMT
Monomethyltin	MMT	Triocetyl tin	TOT
Monobutyltin	MBT	Triphenyltin	TPhT
Monooctyltin	MOT	Tetraoctyltin	TeOT
Monophenyltin	MPhT	Tripropyltin	TPT

Arylamines having carcinogenic properties, cleavable arylamines

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
MAK III, category 1			
4-Aminobiphenyl	92-67-1	4-Chloro-o-toluidine	95-69-2
Benzidine	92-87-5	2-Naphthylamine	91-59-8
MAK III, category 2			
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
4-Chloroaniline	106-47-8	4,4'-Thiodianiline	139-65-1
2,4-Diaminoaniline	615-05-4	o-Toluidine	95-53-4
4,4'-Diaminodiphenylmethane	101-77-9	2,4-Toluylenediamine	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-Methoxyaniline)	90-04-0
3,3'-Dimethylbenzidine	119-93-7	4-Aminoazobenzene	60-09-3
4,4'-Methylenedi-o-toluidine	838-88-0	2,4-Xylidine	95-68-1
p-Cresidine (6-Methoxy-m-toluidine)	120-71-8	2,6-Xylidine	87-62-7

Other Arylamines, cleavable arylamines; amine salts

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Aniline	62-53-3	2-Naphthylammoniumacetate	553-00-4
4-Chloro-o-toluidinium chloride	3165-93-3	2,4-Diaminoaniline sulphate	39156-41-7
2,4,5-Trimethylaniline hydrochloride	21436-97-5		

Annex 5

Compilation of the individual substances for Annex 4, part 3

Arylamines under observation

Name	CAS-Nr.	Name	CAS-Nr.
2-amino-5-nitrothiazole	121-66-4	p-phenetidine	156-43-4
2-methyl-p-phenyldiamine	615-50-9	p-anisidine	20265-97-8
3,3'-Diaminobenzidin (biphenyl-3,3',4,4'-tetrayltetraamine)	91-95-2		

Dyestuffs and pigments classified as carcinogenic

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Acid Red 26	C.I. 16 150	3761-53-3
C.I. Acid Red 114		6459-94-5
C.I. Basic Blue 26 (with ≥ 0.1 % Michler's ketone or base)		2580-56-5
C.I. Basic Red 9	C.I. 42 500	569-61-9
C.I. Basic Violet 3 (with ≥ 0.1 % Michler's ketone or base)		548-62-9
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 Blue 15		2429-74-5
C.I. Direct Brown 95		16071-86-6
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
C.I. Solvent Yellow 1 (4-Aminoazobenzene / Aniline Yellow)	C.I. 11100	60-09-3
C.I. Solvent Yellow 3 (o-Aminoazotoluene / o-Aminoazotoluol)		97-56-3
C.I. Pigment Red 104 (Lead chromate molybdate sulphate red)	C.I. 77 605	12656-85-8
C.I. Pigment Yellow 34 (Lead sulfochromate yellow)	C.I. 77 603	1344-37-2

Colourants with ≥ 0.1% Michler's Ketone/Base / ミヒラーズケトン/ベースを 0.1%以上含有する色材

4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1
C.I. Solvent Blue 4	6786-83-0

Dyestuffs classified as allergenic

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 (= 59 / = 76)	C.I. 11 132	51811-42-8, 13301-61-6, 12223-33-5
C.I. Disperse Orange 59	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		

Annex 5

Compilation of the individual substances for Annex 4, part 4

Other banned dyestuffs

<u>C.I. Generic Name</u>	<u>C.I. Structure number</u>	<u>CAS-Nr.</u>
C.I. Basic Green 4 (chloride)		569-64-2
C.I. Basic Green 4 (free)		10309-95-2
C.I. Basic Green 4 (oxalate)		2437-29-8, 18015-76-4
C.I. Disperse Orange 149		85136-74-9
C.I. Disperse Yellow 23	C.I. 26 070	6250-23-3
Navy Blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4)		

Colourants under observation / Dyestuffs under observation

<u>C.I. Generic Name</u>	<u>C.I. Structure number</u>	<u>CAS-Nr.</u>
C.I. Basic Yellow 2 (= C.I. Solvent Yellow 34) (hydrochloride & free base)		2465-27-2, 492-80-8
C.I. Disperse Red 60		12223-37-9, 17418-58-5

Chlorinated benzenes and toluenes

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Chlorobenzenes		Chlorobenzenes	
Chlorobenzene	108-90-7	Dichlorobenzenes	25321-22-6
1,2-Dichlorobenzene	95-50-1	1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene	106-46-7	Trichlorobenzenes	12002-48-1
1,2,3-Trichlorobenzene	87-61-6	1,2,4-Trichlorobenzene	120-82-1
1,3,5-Trichlorobenzene	108-70-3	Tetrachlorobenzenes	12408-10-5
1,2,3,4-Tetrachlorobenzene	634-66-2	1,2,3,5-Tetrachlorobenzene	634-90-2
1,2,4,5-Tetrachlorobenzene	95-94-3	1,2,3,4(or 1,2,4,5)-Tetrachlorobenzene	84713-12-2
Pentachlorobenzene	608-93-5	Hexachlorobenzene	118-74-1
Chlorotoluenes		Chlorotoluenes	
2-Chlorotoluene	95-49-8	2,5-Dichlorotoluene	19398-61-9
4-Chlorotoluene	106-43-4	3,4-Dichlorotoluene	95-75-0
2,4-Dichlorotoluene	95-73-8	2,3,4-Trichlorotoluene	7359-72-0
2,6-Dichlorotoluene	118-69-4	2,3,6-Trichlorotoluene	2077-46-5
3,5-Dichlorotoluene	25186-47-4	2,4,6-Trichlorotoluene	23749-65-7
2,3,5-Trichlorotoluene	56961-86-5	2,3,4,5-Tetrachlorotoluene	1006-32-2, 76057-12-0
2,4,5-Trichlorotoluene	6639-30-1	2,3,5,6-Tetrachlorotoluene	1006-31-1, 29733-70-8
3,4,5-Trichlorotoluene	21472-86-6	Benzyl chloride	100-44-7
2,3,4,6-Tetrachlorotoluene	875-40-1	Benzotrichloride	98-07-7
2,3,4,5,6-Pentachlorotoluene	877-11-2	4-Chlorobenzotrichloride	5216-25-1
3-Chlorotoluene	108-41-8	α -substituted-Chlorotoluenes	Various
2,3-Dichlorotoluene	32768-54-0		

Polycyclic aromatic hydrocarbons (PAHs)

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Acenaphthene	83-32-9	Dibenzo[a,h]anthracene	53-70-3
Acenaphthylene	208-96-8	Dibenzo[a,e]pyrene	192-65-4
Anthracene	120-12-7	Dibenzo[a,h]pyrene	189-64-0
Benzo[a]anthracene	56-55-3	Dibenzo[a,i]pyrene	189-55-9
Benzo[a]pyrene	50-32-8	Dibenzo[a,l]pyrene	191-30-0
Benzo[b]fluoranthene	205-99-2	Fluoranthene	206-44-0
Benzo[e]pyrene	192-97-2	Fluorene	86-73-7
Benzo[ghi]perylene	191-24-2	Indeno[1,2,3-cd]pyrene	193-39-5
Benzo[j]fluoranthene	205-82-3	1-Methylpyrene	2381-21-7
Benzo[k]fluoranthene	207-08-9	Naphthalene	91-20-3
Chrysene	218-01-9	Phenanthrene	85-01-8
Cyclopenta[c,d]pyrene	27208-37-3	Pyrene	129-00-0

Annex 5

Compilation of the individual substances for Annex 4, part 5

Forbidden flame retardant substances

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Polybromobiphenyls (Polybrominated biphenyls)	59536-65-1	PBBs
Monobromobiphenyls	various	MonoBB
Dibromobiphenyls	various	DiBB
Tribromobiphenyls	various	TriBB
Tetrabromobiphenyls	various	TetraBB
Pentabromobiphenyls	various	PentaBB
Hexabromobiphenyls	various	HexaBB
Heptabromobiphenyls	various	HeptaBB
Octabromobiphenyls	various	OctaBB
Nonabromobiphenyls	various	NonaBB
Decabromobiphenyl	13654-09-6	DecaBB
Polybrominated diphenyl ethers	various	PBDEs
Monobromodiphenylethers	various	MonoBDEs
Dibromodiphenylethers	various	DiBDEs
Tribromodiphenylethers	various	TriBDEs
Tetrabromodiphenylethers	various, 40088-47-9	TetraBDEs
Pentabromodiphenylethers	various, 32534-81-9	PentaBDEs
Hexabromodiphenylethers	various, 36483-60-0	HexaBDEs
Heptabromodiphenylethers	various, 68928-80-3	HeptaBDEs
Octabromodiphenylethers	various, 32536-52-0	OctaBDEs
Nonabromodiphenylethers	various, 63936-56-1	NonaBDEs
Decabromodiphenylether	1163-19-5	DecaBDE
Tri(2,3-dibromopropyl)phosphate	126-72-7	TRIS
Tris(2-chloroethyl)phosphate	115-96-8	TCEP
Hexabromocyclododecane and all main diastereomeres identified (alpha-, beta-, gamma-)	various, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4	HBCDD
Tetrabromobisphenol A	79-94-7	TBBPA
Bis(2,3-dibromopropyl)phosphate	5412-25-9	BIS
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	BBMP
Tris(1,3-dichloro-iso-propyl)phosphate	13674-87-8	TDCPP
Tris(aziridinyl)phosphin oxide	545-55-1	TEPA
Boric acid	10043-35-3, 11113-50-1	
Zinc borate salts	1332-07-6, 12767-90-7	
Diboron trioxide	1303-86-2	
Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	
Disodium octaborate	12008-41-2	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	
Short chain chlorinated paraffins (C10 - C13)	85535-84-8	SCCP
Medium chain chlorinated paraffins (C14 - C17)	85535-85-9, 198840-65-2, 1372804-76-6	MCCP
Trixylylphosphate	25155-23-1	TXP
Solvent residues		
<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
1-Methyl-2-pyrrolidone	872-50-4	NMP
N,N-Dimethylacetamide	127-19-5	DMAc
N,N-Dimethylformamide	68-12-2	DMF
Formamide	75-12-7	
Surfactant, wetting agent residues, alkyl phenols		
<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
4-tert-butylphenol	98-54-4	BP
Nonylphenol	various	NP
Octylphenol	various	OP
Heptylphenol	various	HpP
Pentylphenol	various	PeP
Nonylphenoethoxylates	various	NP(EO)
Octylphenoethoxylates	various	OP(EO)

Annex 5

Compilation of the individual substances for Annex 4, part 6

Other chemical residues

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Aniline	62-53-3	
Benzene	71-43-2	
Bisphenol A (4,4'-Isopropylidenediphenol)	80-05-7	BPA
Bisphenol B (4,4'-(1-methylpropylidene)bisphenol)	77-40-7	BPB
Diazene-1,2-dicarboxamide	123-77-3	ADCA
Dimethylfumarate	624-49-7	DMFu
Phenol	108-95-2	
o-Phenylphenol	90-43-7	OPP
Quinoline (Chinoline / Benzo[b]pyridine)	91-22-5	
Glutaraldehyde	111-30-8	
Tris(2-chloroethyl)phosphate	115-96-8	TCEP
Tris(4-nonylphenyl, branched and linear)phosphite with 0.1% w/w of 4-nonylphenol, branched and linear	various	TNPP

Chemical residues under observation

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
1,2-Diethoxyethane	629-14-1	Bisphenol F (4,4'-Methylenediphenol)	620-92-8
2-Methoxyethylacetate	110-49-6	Bisphenol S (4,4'-Sulfonyldiphenol)	80-09-1
2-Methoxypropanol	1589-47-5	Bisphenol AF (4,4'-(1,1,1,3,3,3-Hexafluoropropane-2,2-diyldiphenol)	1478-61-1
Methylisothiazolinone	2682-20-4		

UV stabilizers

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol	3846-71-7	UV 320
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	3864-99-1	UV 327
2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol	25973-55-1	UV 328
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	UV 350

Chlorinated paraffins

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Short chain chlorinated paraffins (C10 - C13)	85535-84-8	SCCP
Medium chain chlorinated paraffins (C14 - C17)	85535-85-9, 198840-65-2, 1372804-76-6	MCCP

Siloxanes

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Octamethylcyclotetrasiloxane	556-67-2	D4
Decamethylcyclopentasiloxane	541-02-6	D5
Dodecamethylcyclohexasiloxane	540-97-6	D6

N-Nitrosamines; N-nitrosatable substances

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
N-Nitrosodibenzylamine	5336-53-8	NDBzA
N-Nitrosodibutylamine	924-16-3	NDBA
N-Nitrosodiethanolamine	1116-54-7	NDELA
N-Nitrosodiethylamine	55-18-5	NDEA
N-Nitrosodiisobutylamine	997-95-5	NDiBA
N-Nitrosodiisononylamine	1207995-62-7	NDiNA
N-Nitrosodiisopropylamine	601-77-4	NDiPA
N-Nitrosodimethylamine	62-75-9	NDMA
N-Nitrosodipropylamine	621-64-7	NDPA
N-Nitrosomethylethylamine	10595-95-6	NMEA
N-Nitrosomorpholine	59-89-2	NMOR
N-Nitroso-N-ethyl-N-phenylamine	612-64-6	NEPhA
N-Nitroso-N-methyl-N-phenylamine	614-00-6	NMPhA
N-Nitroso-piperidine	100-75-4	NPIP
N-Nitroso-pyrrolidine	930-55-2	NPYR

Annex 5

Compilation of the individual substances for Annex 4, part 7

PFCs, Per- and polyfluorinated compounds

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Perfluorooctane sulfonic acid and sulfonates	1763-23-1, et. al.	PFOS
Perfluorooctane sulfonamide	754-91-6	PFOSA
Perfluorooctane sulfonyl fluoride	307-35-7	PFOSF / POSF
N-Methyl perfluorooctane sulfonamide	31506-32-8	N-Me-FOSA
N-Ethyl perfluorooctane sulfonamide	4151-50-2	N-Et-FOSA
N-Methyl perfluorooctane sulfonamide ethanol	24448-09-7	N-Me-FOSE
N-Ethyl perfluorooctane sulfonamide ethanol	1691-99-2	N-Et-FOSE
Perfluoroheptanoic acid and salts	375-85-9, et. al.	PFHpA
Perfluorooctanoic acid and salts	335-67-1, et. al.	PFOA
Perfluorononanoic acid and salts	375-95-1, et. al.	PFNA
Perfluorodecanoic acid and salts	335-76-2, et. al.	PFDA
Henicosaflluoroundecanoic acid and salts	2058-94-8, et. al.	PFUdA
Tricosaflluorododecanoic acid and salts	307-55-1, et. al.	PFDoA
Pentacosaflluorotridecanoic acid and salts	72629-94-8, et. al.	PFTrDA
Heptacosaflluorotetradecanoic acid and salts	376-06-7, et. al.	PFTeDA

OthersFurther Perfluorinated carboxylic acids

Perfluorobutanoic acid and salts	375-22-4, et. al.	PFBA
Perfluoropentanoic acid and salts	2706-90-3, et. al.	PFPeA
Perfluorohexanoic acid and salts	307-24-4, et. al.	PFHxA
Perfluoro(3,7-dimethyloctanoic acid) and salts	172155-07-6, et. al.	PF-3,7-DMOA

Perfluorinated carboxylic and sulfonic acids under observation

2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid , its salts and its acyl halides various

Perfluorinated sulfonic acids

Perfluorobutane sulfonic acid and salts	375-73-5, 59933-66-3, et. al.	PFBS
Perfluorohexane sulfonic acid and salts	355-46-4, et. al.	PFHxS
Perfluoroheptane sulfonic acid and salts	375-92-8, et. al.	PFHpS
Henicosaflluorodecane sulfonic acid and salts	335-77-3, et. al.	PFDS

Partially fluorinated carboxylic / sulfonic acids

7H-Perfluoro heptanoic acid and salts	1546-95-8, et. al.	7HPFHpA
2H,2H,3H,3H-Perfluoroundecanoic acid and salts	34598-33-9, et. al.	4HPFUnA
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	1H,1H,2H,2H-PFOS

Partially fluorinated linear alcohols

1H,1H,2H,2H-Perfluoro-1-hexanol	2043-47-2	4:2 FTOH
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	6:2 FTOH
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluoro-1-dodecanol	865-86-1	10:2 FTOH

Esters of fluorinated alcohols with acrylic acid

1H,1H,2H,2H-Perfluorooctyl acrylate	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorododecyl acrylate	17741-60-5	10:2 FTA

PFOA related Substances

1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluorodecanesulphonic acid and its salts	39108-34-4, et. al.	8:2 FTS

Heavy Metals

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Sb (Antimony)	7440-36-0, et. al.	Cu (Copper)	7440-50-8, et. al.
As (Arsenic)	7440-38-2, et. al.	Ni (Nickel)	7440-02-0, et. al.
Pb (Lead)	7439-92-1, et. al.	Hg (Mercury)	7439-97-6, et. al.
Cd (Cadmium)	7440-43-9, et. al.	Ba (Barium)	7440-39-3, et. al.
Cr (Chromium)	7440-47-3, et. al.	Se (Selenium)	7782-49-2, et. al.
Co (Cobalt)	7440-48-4, et. al.		

Process preservative agents under observation / 監視対象 工程用防腐剤

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
2-Mercaptobenzothiazole	149-30-4	4-Chloro-3-methylphenole	59-50-7
2-Octylisothiazol-3(2H)-on	26530-20-1	[(1,3-benzothiazol-2-yl)sulfanyl]methyl thiocyanate	21564-17-0

Annex 6

Limit values table / 規制値表

Any value measured in the laboratory (which is measured in mg/kg, µg/m² or w-%) must be below the specified limit to obtain the certificate.

The following, expanded criteria catalogue as per Annex 6 and the accompanying Annex 7 are only used within the context of a STANDARD 100 by OEKO-TEX® certification process if expressly requested by the applicant in the application. This catalogue specially has been developed for companies who are particularly focused on the **Detox Campaign** and it offers these companies assistance if they want to take this approach (or must take this approach due to specific customer requirements). The tightening of the limit values in comparison with the requirements in Annex 4 for many parameters / substances did not take place from a viewpoint of human ecological aspects but considering Point 4.3.5 of this standard. The parameters flagged with an asterisk (*) belong to the so-called "Detox Substance Groups".

試験機関で測定された試験結果（測定単位は mg/kg、µg/m²、又は w-%）は全て、特定された規制値未満でなければ、認証とはなりません。

以下は、エコテックス®スタンダード 100 の付属書 6 に基づいて拡張された規制値表とそれに伴う付属書 7 で、申請者が特別に要望する場合のみに適用されます。この規制値表は、特別に「デトックスキャンペーン」に焦点を合わせた企業向けに開発され、企業が希望するアプローチを支援します。（又は、特定客先からの要求により、このアプローチが必要となります）付属書 4 での多くの項目/物質の要求事項に比べてより厳しく強化された要求事項は、人体への生態的安全性の観点ではなく、本規格 4.3.5 を考慮したものです。星印 (*) が付けられた項目が、いわゆる「デトックス物質グループ」です。

Expanded requirements / limit values and fastness, part 1

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
pH value¹				
	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyde, free and partially releasable [mg/kg]				
Law 112	n.d. ²	75	150	300
Extractable (heavy) metals [mg/kg]*				
Sb (Antimony)	30.0	30.0	30.0	30.0
As (Arsenic)	0.2	0.2	0.2	0.2
Pb (Lead)	0.2	0.2 ³	0.2 ³	0.2 ³
Cd (Cadmium)	0.1	0.1	0.1	0.1
Cr (Chromium)	1.0	1.0	1.0	1.0
Cr(VI)	0.5			
Co (Cobalt)	1.0	1.0	1.0	1.0
Cu (Copper)	25.0 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Ni (Nickel) ⁵	1.0 ⁶	1.0 ⁷	1.0 ⁷	1.0 ⁷
Hg (Mercury)	0.02	0.02	0.02	0.02
Ba (Barium)	1000	1000	1000	1000
Se (Selenium)	100	100	100	100
Zn (Zinc)	750	750	750	750
Mn (Manganese)	90.0	90.0	90.0	90.0

¹ Exceptions for products which must be treated wet during the further processing: 4.0 - 10.5; for foams: 4.0 - 9.0; for film materials (e.g. polyolefin films) with incorporated Calciumcarbonate/carbonate or talc, which do not have directly contact to skin: 4.0 - 10.0

² n.d. corresponds according to „Japanese Law 112“ test method with an absorbance unit less than 0.05 resp. 16 mg/kg

³ For accessories made from glass: 0.1 %

⁴ No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products

⁵ Including the requirement by REACH-Regulation Annex XVII, Entry 27

⁶ For metallic accessories and metallized surfaces: 0.5 mg/kg

⁷ For metallic accessories and metallized surfaces: 1.0 mg/kg

Annex 6

Expanded requirements / limit values and fastness, part 2

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Heavy metals total content [mg/kg]				
As (Arsenic)	100	100	100	100
Cd (Cadmium)	40.0	40.0 ³	40.0 ³	40.0 ³
Hg (Mercury)	0.5	0.5	0.5	0.5
Pb (Lead) at metallic material	90.0	90.0 ³	90.0 ³	90.0 ³
Pb (Lead) at plastic, coatings etc.	75.0	75.0 ³	75.0 ³	75.0 ³
Pesticides [mg/kg]^{8,9}				
Sum ⁹	0.5	1.0	1.0	1.0
Glyphosate and salts for conventional cotton	5	5	5	5
Pesticides under observation ⁹	u.o. ¹⁰			
Chlorinated phenols [mg/kg]^{9*}				
Pentachlorophenol (PCP)	0.05	0.25	0.25	0.25
Tetrachlorophenols (TeCP), Sum	0.05	0.25	0.25	0.25
Trichlorophenols (TrCP), Sum	0.2	1.00	1.00	1.00
Dichlorophenols (DCP), Sum	0.50	1.00	1.00	1.00
Monochlorophenols (MCP), Sum	0.50	1.00	1.00	1.00
Phthalates [w-%]^{11*}				
Each phthalate ⁹	0.010	0.010	0.010	0.010
Sum of all ⁹	0.025	0.025	0.025	0.025
Organic tin compounds [mg/kg]^{9*}				
TBT, TPhT	0.5	0.5	0.5	0.5
DBT, DMT, DOT, DPhT, DPT, MBT, MOT, MMT, MPhT, TeBT, TeET, TCyHT, TMT, TOT, TeOT, TPT	0.5	0.5	0.5	0.5
Other chemical residues				
Carcinogenic Arylamines [mg/kg] ^{9,12,13}	20	20	20	20
Arylamines under observation ⁹	u.o. ¹⁰			
Aniline [mg/kg] ^{9,14}	20	20	20	20
Benzene [mg/kg] ⁹	1.0	1.0	1.0	1.0
Bisphenol A [mg/kg] ⁹	100	100	100	100
Bisphenol B [mg/kg] ⁹	1000	1000	1000	1000
Diazene-1,2-dicarboxamide (ADCA) [w-%] ⁹	0.1	0.1	0.1	0.1
DMFu [mg/kg] ⁹	0.1			
OPP [mg/kg] ⁹	10	10	10	10
Phenol [mg/kg] ⁹	20	50	50	50
Quinoline [mg/kg] ⁹	50	50	50	50
Glutaraldehyde / グルタルアルデヒド [mg/kg] ⁹	1000	1000	1000	1000
TCEP [mg/kg] ⁹	10	10	10	10
Chemical residues under observation / 監視対象 残留化学物質 ⁹	u.o. ¹⁰			

³ For accessories made from glass: 0.1 %

⁸ For natural fibres only

⁹ The individual substances are listed in Annex 7

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

¹¹ For coated articles, plastisol prints, flexible foams, and accessories made from plastics

¹² For all materials containing polyurethane or other materials which may contain free carcinogenic arylamines

¹³ The sum of cleavable carcinogenic arylamine and of possibly also as chemical residue present free carcinogenic (same) arylamine has to be also 20 mg/kg

¹⁴ The sum of cleavable aniline and of possibly also as chemical residue present free aniline has to be also 20 mg/kg

Annex 6

Expanded requirements / limit values and fastness, part 3

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Colourants / Colorants [mg/kg]*				
Cleavable carcinogenic arylamines ^{9,13*}			20	
Cleavable arylamines under observation ^{9,13}			u.o. ¹⁰	
cleavable Aniline ^{9,14}			20	
Carcinogens ^{9*}			20	
Colourants with ≥ 0.1% Michler's Ketone/Base / ミヒラーズケトン/ベースを0.1%以上含有する色材 ⁹			1000	
Allergens ^{9*}			20	
Others ^{9*}			20	
Navy Blue ⁹			not used	
Colourants under observation / 監視対象 色材			u.o. / 監視対象 ¹⁰	
Chlorinated benzenes and toluenes [mg/kg]^{9*}				
Sum	1.0	1.0	1.0	1.0
Polycyclic aromatic hydrocarbons (PAHs) [mg/kg]¹⁵				
Benzo[a]pyrene	0.5	1.0	1.0	1.0
Benzo[e]pyrene	0.5	1.0	1.0	1.0
Benzo[a]anthracene	0.5	1.0	1.0	1.0
Chrysene	0.5	1.0	1.0	1.0
Benzo[b]fluoranthene	0.5	1.0	1.0	1.0
Benzo[j]fluoranthene	0.5	1.0	1.0	1.0
Benzo[k]fluoranthene	0.5	1.0	1.0	1.0
Dibenzo[a,h]anthracene	0.5	1.0	1.0	1.0
Naphthalene	2.0	2.0	2.0	2.0
Sum 24 PAHs ⁹	5.0	10.0	10.0	10.0
Biological active products				
			none ¹⁶	
Flame retardant products*				
General			none (10 mg/kg; each; for sum SCCP + MCCP 50 mg/kg) ^{16,17} Sum of all 50 mg/kg	

⁹ The individual substances are listed in Annex 7

¹³ The sum of cleavable carcinogenic arylamine and of possibly also as chemical residue present free carcinogenic (same) arylamine has to be also 20 mg/kg

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

¹⁴ The sum of cleavable aniline and of possibly also as chemical residue present free aniline has to be also 20 mg/kg

¹⁵ For all synthetic fibres, yarns, or threads and for plastic materials

¹⁶ With exception of treatments accepted by OEKO-TEX® (see actual list on <http://www.oeko-tex.com>) but with exception of those listed products / treatments, which base on antimony trioxide/-pentoxide etc. respectively contain these substances. Such products / treatments can not be used at certification processes according to Annex 6

¹⁷ At certification processes according to Annex 6 accepted flame retardant products do not contain any of the banned flame retardant substances listed in Annex 7 as active agent

Annex 6

Expanded requirements / limit values and fastness, part 4

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Solvent residues [w-%]^{9,18}				
NMP ¹⁹			0.05 0.10 ²⁰	
DMAc ¹⁹			0.05 0.10 ²⁰	
DMF ¹⁹			0.05 0.10 ²⁰	
Formamide	0.02	0.02	0.02	0.02
Surfactant, wetting agent residues, alkyl phenols [mg/kg]^{9*}				
BP, NP, OP, HpP, PeP; / Sum	5.0	5.0	5.0	5.0
BP, NP, OP, HpP, PeP, NP(EO), OP(EO); / Sum	50.0	50.0	50.0	50.0
PFCs, Per- and polyfluorinated compounds^{9,21*}				
PFOS, PFOA, PFOSE, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE; / Sum / 合計 [µg/m ²]	1.0	1.0	1.0	1.0
PFOA and salts Sum [mg/kg]	0.025	0.025	0.025	0.025
PFHpA [mg/kg]	0.025	0.025	0.025	0.025
PFNA [mg/kg]	0.025	0.025	0.025	0.025
PFDA [mg/kg]	0.025	0.025	0.025	0.025
PFUdA [mg/kg]	0.025	0.025	0.025	0.025
PFDoA [mg/kg]	0.025	0.025	0.025	0.025
PFTrDA [mg/kg]	0.025	0.025	0.025	0.025
PFTeDA [mg/kg]	0.025	0.025	0.025	0.025
Further Perfluorinated carboxylic acids, each; according to Annex 7 [mg/kg]	0.025	0.025	0.025	0.025
Perfluorinated sulfonic acids, each; according to Annex 7 [mg/kg]	0.025	0.025	0.025	0.025
Partially fluorinated carboxylic / sulfonic acids, each; according to Annex 7 [mg/kg]	0.025	0.025	0.025	0.025
Partially fluorinated carboxylic / sulfonic acids, under observation	u.o. ¹⁰			
Partially fluorinated linear alcohols, each; according to Annex 7 [mg/kg]	0.25	0.25	0.25	0.25
Esters of fluorinated alcohols with acrylic acid, each; according to Annex 7 [mg/kg]	0.25	0.25	0.25	0.25
PFOA related substances sum / PFOA related substances [mg/kg] ²²	1.0	1.0	1.0	1.0

⁹ The individual substances are listed in Annex 7

¹⁸ For fibre, yarns, fabrics and coated articles (e.g. artificial leather) as well as foams (EVA, PVC), where solvents are used during production

¹⁹ Exception for products which must undergo further industrial production stages (heat process in wet or dry stage preferred, but also other steps are possible): maximal 1.5 %

²⁰ For materials made of acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramides as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles. / For materials made of acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramides as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles / Für Materialien aus Polyacrylnitril (PAN), Elastan (EL).

²¹ For all materials with a water, soil or oil repellent finish or coating

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

²² Any other substance, which can degrade to PFOA, including substances (also salts and polymers) having linear or branched perfluoroheptyl derivatives with the formula (C7F15)C as a structural element. Except those derivatives with the formula C8F17-X, where X= F, Cl, Br, and fluoropolymers that are covered by CF3[CF2]n-R', where R'=any group, n> 16, and perfluoroalkyl carboxylic acids (including their salts, esters, halides and anhydrides) with ≥ 8 perfluorinated carbons. Also excluded are perfluoroalkane sulfonic acids and perfluoro phosphonic acids (including their salts, esters, halides and anhydrides) with ≥ 9 perfluorinated carbons or, perfluorooctanesulfonic acid and its derivatives (PFOS), which are listed in the Appendix I Part A of the regulation VO (EU) 2019/1021.

Annex 6
Expanded requirements / limit values and fastness, part 5

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
UV stabilizers [w-%]⁹				
UV 320	0.1	0.1	0.1	0.1
UV 327	0.1	0.1	0.1	0.1
UV 328	0.1	0.1	0.1	0.1
UV 350	0.1	0.1	0.1	0.1
Chlorinated paraffins⁹				
Sum of SCCP and MCCP [mg/kg]	50	50	50	50
Siloxanes [w-%]⁹				
Octamethylcyclotetrasiloxane (D4)	0.1	0.1	0.1	0.1
Decamethylcyclopentasiloxane (D5)	0.1	0.1	0.1	0.1
Dodecamethylcyclohexasiloxane (D6)	0.1	0.1	0.1	0.1
N-Nitrosamines; each⁹ [mg/kg]	0.5	0.5	0.5	0.5
N-nitrosatable substances; Sum [mg/kg]	5	5	5	5
Chlorinated solvents [mg/kg]^{9*}				
Dichloromethane	1.0	1.0	1.0	1.0
Trichloromethane (Chloroform)	1.0	1.0	1.0	1.0
Tetrachloromethane	1.0	1.0	1.0	1.0
1,1-Dichloroethane	1.0	1.0	1.0	1.0
1,2-Dichloroethane	1.0	1.0	1.0	1.0
1,1,1-Trichloroethane	1.0	1.0	1.0	1.0
1,1,2-Trichloroethane	1.0	1.0	1.0	1.0
1,1,1,2-Tetrachloroethane	1.0	1.0	1.0	1.0
1,1,1,2,2-Tetrachloroethane	1.0	1.0	1.0	1.0
Pentachloroethane	1.0	1.0	1.0	1.0
1,1-Dichloroethylene	1.0	1.0	1.0	1.0
1,2-Dichloroethylene	1.0	1.0	1.0	1.0
Trichloroethylene	1.0	1.0	1.0	1.0
Tetra(per)chloroethylene	1.0	1.0	1.0	1.0
Sum of the 14 chlorinated solvents	5.0	5.0	5.0	5.0

⁹ The individual substances are listed in Annex 7

Annex 6

Expanded requirements / limit values and fastness, part 6

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Other VOCs and glycols [mg/kg]^{9,23*}				
Methylethylketone	10.0	10.0	10.0	10.0
Ethylbenzene	10.0	10.0	10.0	10.0
Xylene	10.0	10.0	10.0	10.0
Cyclohexanone	10.0	10.0	10.0	10.0
2-Ethoxyethylacetate	10.0	10.0	10.0	10.0
1,2,3-Trichloropropane	10.0	10.0	10.0	10.0
Acetophenone	10.0	10.0	10.0	10.0
Naphthalene	refer to corresponding entry at PAHs			
2-Phenyl-2-propanole	10.0	10.0	10.0	10.0
Bis(2-methoxyethyl)ether	10.0	10.0	10.0	10.0
Styrene	10.0	10.0	10.0	10.0
Benzene	1.0	1.0	1.0	1.0
Toluene	10.0	10.0	10.0	10.0
1-Methyl-2-pyrrolidone (NMP)	refer to solvent residues			
N,N-Dimethylacetamide (DMAc)	refer to solvent residues			
N,N-Dimethylformamide (DMF)	refer to solvent residues			
2-Ethoxyethanol	10.0	10.0	10.0	10.0
Ethylene glycol dimethyl ether	10.0	10.0	10.0	10.0
2-Methoxyethanol	10.0	10.0	10.0	10.0
2-Methoxyethylacetate	10.0	10.0	10.0	10.0
2-Methoxypropylacetate	10.0	10.0	10.0	10.0
Triethylene glycol dimethyl ether	10.0	10.0	10.0	10.0
VOCs and glycols under observation	u.o. ¹⁰			
Cresols [mg/kg]⁹				
o-Cresol	10.0	10.0	10.0	10.0
m-Cresol	10.0	10.0	10.0	10.0
p-Cresol	10.0	10.0	10.0	10.0
Colour fastness (staining)				
To water	3-4	3	3	3
To acidic perspiration	3 - 4	3 - 4	3 - 4	3 - 4
To alkaline perspiration	3 - 4	3 - 4	3 - 4	3 - 4
To rubbing, dry ^{24,25}	4	4	4	4
To saliva and perspiration	fast			

⁹ The individual substances are listed in Annex 7

²³ These limits do not apply for accessories / small parts (e.g. synthetic buttons, lacquered, painted or coated metallic components, etc.)

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

²⁴ No requirements for 'wash-out' – articles

²⁵ For pigment, vat or sulphurous colourants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable

Annex 6
Expanded requirements / limit values and fastness, part 7

(The testing procedures are described in a separate document)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Emission of volatiles [mg/m³]²⁶				
Formaldehyde [50-00-0]	0.1	0.1	0.1	0.1
Toluene [108-88-3]	0.1	0.1	0.1	0.1
Styrene [100-42-5]	0.005	0.005	0.005	0.005
4-Vinylcyclohexene [100-40-3]	0.002	0.002	0.002	0.002
4-Phenylcyclohexene [4994-16-5]	0.03	0.03	0.03	0.03
Butadiene [106-99-0]	0.002	0.002	0.002	0.002
Vinylchloride [75-01-4]	0.002	0.002	0.002	0.002
Aromatic hydrocarbons	0.3	0.3	0.3	0.3
Organic volatiles	0.5	0.5	0.5	0.5
Organic cotton fibres and materials²⁷				
Glyphosate and salts for organic cotton	0.5	1.0	1.0	1.0
Genetically modified organisms (GMO)	not detectable			
Determination of odours				
General	no abnormal odour ²⁸			
SNV 195 651 (Modified) ²⁶	3	3	3	3
Banned fibres				
Asbestos	not used			
Process preservative agents / 工程用防腐剤				
Process preservative agents under observation / 監視対象 工程用防腐剤 ⁹	u.o. / 監視対象 ¹⁰			

²⁶ For textile carpets, mattresses as well as foams and large coated articles not being used for clothing

²⁷ Refer also to item 5.5. of this standard

²⁸ No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume

⁹ The individual substances are listed in Annex 7

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

Annex 7

Compilation of the individual substances for Annex 6, part 1

Pesticides

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
Acetamiprid	135410-20-7, 160430-64-8	Heptachloroepoxide	1024-57-3, 28044-83-9
Aldicarb	116-06-3	Hexachlorobenzene	118-74-1
Aldrine	309-00-2	Hexachlorocyclohexane, α -	319-84-6
Azinophosethyl	2642-71-9	Hexachlorocyclohexane, β -	319-85-7
Azinophosmethyl	86-50-0	Hexachlorocyclohexane, δ -	319-86-8
Bromophos-ethyl	4824-78-6	Imidacloprid	105827-78-9, 138261-41-3
Captafol	2425-06-1	Isodrine	465-73-6
Carbaryl	63-25-2	Kelevane	4234-79-1
Chlorbenzilate	510-15-6	Kepone	143-50-0
Chlordane	57-74-9	Lindane	58-89-9
Chlordimeform	6164-98-3	Malathion	121-75-5
Chlorfenvinphos	470-90-6	MCPA	94-74-6
Clothianidin	210880-92-5	MCPB	94-81-5
Coumaphos	56-72-4	Mecoprop	93-65-2
Cyfluthrin	68359-37-5	Metamidophos	10265-92-6
Cyhalothrin	91465-08-6	Methoxychlor	72-43-5
Cypermethrin	52315-07-8	Mirex	2385-85-5
DEF	78-48-8	Monocrotophos	6923-22-4
Deltamethrin	52918-63-5	Nitenpyram	150824-47-8, 120738-89-8
DDD	53-19-0, 72-54-8	Parathion	56-38-2
DDE	3424-82-6, 72-55-9	Parathion-methyl	298-00-0
DDT	50-29-3, 789-02-6	Perthane	72-56-0
Diazinon	333-41-5	Phosdrin / Mevinphos	7786-34-7
Dichlorprop	120-36-5	Phosphamidone	13171-21-6
Dicrotophos	141-66-2	Propethamphos	31218-83-4
Dieldrine	60-57-1	Profenophos	41198-08-7
Dimethoate	60-51-5	Strobane	8001-50-1
Dinoseb, its salts and acetate	88-85-7 et. al.	Quinalphos	13593-03-8
Dinotefuran	165252-70-0	Telodrine	297-78-9
Endosulfan	115-29-7	Thiacloprid	111988-49-9
Endosulfan, α -	959-98-8	Thiamethoxam	153719-23-4
Endosulfan, β -	33213-65-9	Toxaphene	8001-35-2
Endrine	72-20-8	Trifluralin	1582-09-8
Esfenvalerate	66230-04-4		

Pesticides under observation

Name	CAS-Nr.	Name	CAS-Nr.
Carbendazim	10605-21-7	DTTB	63405-99-2
Chlorothalonil	1897-45-6	Metam-sodium	137-42-8
Dichlorophene	97-23-4	Silafluofen	105024-66-6
Dicofol	115-32-2	Tolyfluamide	731-27-1

Glyphosate and salts

(e.g. Isopropylammonium - salt,	1071-83-6
potassium salt,	38641-94-0
ammonium salt)	70901-12-1
	40465-66-5 et.al.

Chlorinated phenols

Name	CAS-Nr.	Name	CAS-Nr.
Pentachlorophenol	87-86-5	2,3-Dichlorophenol	576-24-9
2,3,4,5-Tetrachlorophenol	4901-51-3	2,4-Dichlorophenol	120-83-2
2,3,4,6-Tetrachlorophenol	58-90-2	2,5-Dichlorophenol	583-78-8
2,3,5,6-Tetrachlorophenol	935-95-5	2,6-Dichlorophenol	87-65-0
2,3,4-Trichlorophenol	15950-66-0	3,4-Dichlorophenol	95-77-2
2,3,5-Trichlorophenol	933-78-8	3,5-Dichlorophenol	591-35-5
2,3,6-Trichlorophenol	933-75-5	2-Chlorophenol	95-57-8
2,4,5-Trichlorophenol	95-95-4	3-Chlorophenol	108-43-0
2,4,6-Trichlorophenol	88-06-2	4-Chlorophenol	106-48-9
3,4,5-Trichlorophenol	609-19-8		

Annex 7

Compilation of the individual substances for Annex 6, part 2

Phthalates

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Benzylbutylphthalate	85-68-7	BBP
Dibutylphthalate	84-74-2	DBP
Diethylphthalate	84-66-2	DEP
Dimethylphthalate	131-11-3	DMP
Di-(2-ethylhexyl)phthalate	117-81-7	DEHP
Di-(2-methoxyethyl)phthalate	117-82-8	DMEP
Di-C6-8-branched alkylphthalates, C7 rich	71888-89-6	DIHP
Di-C7-11-branched and linear alkylphthalates	68515-42-4	DHNUP
Dicyclohexylphthalate	84-61-7	DCHP
Dihexylphthalates, branched and linear	68515-50-4	DHxP
Di-iso-butylphthalate	84-69-5	DIBP
Di-iso-hexylphthalate	71850-09-4	DIHxP
Di-iso-octylphthalate	27554-26-3	DIOP
Di-iso-nonylphthalate	28553-12-0, 68515-48-0	DINP
Di-iso-decylphthalate	26761-40-0, 68515-49-1	DIDP
Di-n-propylphthalate	131-16-8	DPrP
Di-n-hexylphthalate	84-75-3	DHP
Di-n-octylphthalate	117-84-0	DNOP
Di-n-nonylphthalate	84-76-4	DNP
Di-pentylphthalate (n-, iso-, or mixed)	131-18-0, 605-50-5, 776297-69-9, 84777-06-0	DPP
1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters	68515-51-5	
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1	

Organic tin compounds

<u>Name</u>	<u>Acronym</u>	<u>Name</u>	<u>Acronym</u>
Dibutyltin	DBT	Tetrabutyltin	TeBT
Dimethyltin	DMT	Tetraethyltin	TeET
Diocetyl tin	DOT	Tributyltin	TBT
Diphenyltin	DPhT	Tricyclohexyltin	TCyHT
Dipropyltin	DPT	Trimethyltin	TMT
Monomethyltin	MMT	Triocetyl tin	TOT
Monobutyltin	MBT	Triphenyltin	TPhT
Monooctyltin	MOT	Tripropyltin	TPT
Monophenyltin	MPhT	Tetraocetyl tin	TeOT

Arylamines having carcinogenic properties, cleavable arylamines

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
MAK III, category 1			
4-Aminobiphenyl	92-67-1	4-Chloro-o-toluidine	95-69-2
Benzidine	92-87-5	2-Naphthylamine	91-59-8
MAK III, category 2			
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
4-Chloroaniline	106-47-8	4,4'-Thiodianiline	139-65-1
2,4-Diaminoaniline	615-05-4	o-Toluidine	95-53-4
4,4'-Diaminodiphenylmethane	101-77-9	2,4-Toluylenediamine	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-Methoxyaniline)	90-04-0
3,3'-Dimethylbenzidine	119-93-7	4-Aminoazobenzene	60-09-3
4,4'-Methylenedi-o-toluidine	838-88-0	2,4-Xylidine	95-68-1
p-Cresidine (6-Methoxy-m-toluidine)	120-71-8	2,6-Xylidine	87-62-7

Other Arylamines, cleavable arylamines; amine salts

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Aniline	62-53-3	2-Naphthylammoniumacetate	553-00-4
4-Chloro-o-toluidinium chloride	3165-93-3	2,4-Diaminoaniline sulphate	39156-41-7
2,4,5-Trimethylaniline hydrochloride	21436-97-5		

Annex 7

Compilation of the individual substances for Annex 6, part 3

Arylamines under observation

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
2-amino-5-nitrothiazole	121-66-4	p-phenetidine	156-43-4
2-methyl-p-phenyldiamine	615-50-9	p-anisidine	20265-97-8
3,3'-Diaminobenzidin (biphenyl-3,3',4,4'-tetrayltetraamine)	91-95-2		

Dyestuffs and pigments classified as carcinogenic

<u>C.I. Generic Name</u>	<u>C.I. Structure number</u>	<u>CAS-Nr.</u>
C.I. Acid Red 26	C.I. 16 150	3761-53-3
C.I. Acid Red 114		6459-94-5
C.I. Basic Blue 26 (with ≥ 0.1 % Michler's ketone or base)		2580-56-5
C.I. Basic Red 9	C.I. 42 500	569-61-9
C.I. Basic Violet 3 (with ≥ 0.1 % Michler's ketone or base)		548-62-9
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 Blue 15		2429-74-5
C.I. Direct Brown 95		16071-86-6
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
C.I. Solvent Yellow 1 (4-Aminoazobenzene / Aniline Yellow)	C.I. 11100	60-09-3
C.I. Solvent Yellow 3 (o-Aminoazotoluene / o-Aminoazotoluol)		97-56-3
C.I. Pigment Red 104 (Lead chromate molybdate sulphate red)	C.I. 77 605	12656-85-8
C.I. Pigment Yellow 34 (Lead sulfochromate yellow)	C.I. 77 603	1344-37-2

Colourants with $\geq 0.1\%$ Michler's Ketone/Base / ミヒラーズケトン/ベースを 0.1% 以上含有する色材

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	C.I. Solvent Blue 4	6786-83-0

Dyestuffs classified as allergenic

<u>C.I. Generic Name</u>	<u>C.I. Structure number</u>	<u>CAS-Nr.</u>
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 (= 59 / = 76)	C.I. 11 132	51811-42-8, 13301-61-6, 12223-33-5
C.I. Disperse Orange 59	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		

Annex 7

Compilation of the individual substances for Annex 6, part 4

Other banned dyestuffs

<u>C.I. Generic Name</u>	<u>C.I. Structure number</u>	<u>CAS-Nr.</u>
C.I. Acid Violet 49		1694-09-3
C.I. Basic Green 4 (chloride)		569-64-2
C.I. Basic Green 4 (free)		10309-95-2
C.I. Basic Green 4 (oxalate)		2437-29-8, 18015-76-4
C.I. Basic Violet 1		8004-87-3
C.I. Direct Blue 218		28407-37-6
C.I. Disperse Orange 149		85136-74-9
C.I. Disperse Yellow 23	C.I. 26 070	6250-23-3
C.I. Solvent Yellow 2		60-11-7
C.I. Solvent Yellow 14		842-07-9
Navy Blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4)		

Colourants under observation

<u>C.I. Generic Name</u>	<u>C.I. Structure number</u>	<u>CAS-Nr.</u>
C.I. Basic Yellow 2 (= C.I. Solvent Yellow 34) (hydrochloride & free base)		2465-27-2, 492-80-8
C.I. Disperse Red 60		12223-37-9, 17418-58-5

Chlorinated benzenes and toluenes

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
Chlorobenzenes		Chlorobenzenes	
Chlorobenzene	108-90-7	Dichlorobenzenes	25321-22-6
1,2-Dichlorobenzene	95-50-1	1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene	106-46-7	Trichlorobenzenes	12002-48-1
1,2,3-Trichlorobenzene	87-61-6	1,2,4-Trichlorobenzene	120-82-1
1,3,5-Trichlorobenzene	108-70-3	Tetrachlorobenzenes	12408-10-5
1,2,3,4-Tetrachlorobenzene	634-66-2	1,2,3,5-Tetrachlorobenzene	634-90-2
1,2,4,5-Tetrachlorobenzene	95-94-3	1,2,3,4(or 1,2,4,5)-Tetrachlorobenzene	84713-12-2
Pentachlorobenzene	608-93-5	Hexachlorobenzene	118-74-1
Chlorotoluenes		Chlorotoluenes	
2-Chlorotoluene	95-49-8	2,5-Dichlorotoluene	19398-61-9
4-Chlorotoluene	106-43-4	3,4-Dichlorotoluene	95-75-0
2,4-Dichlorotoluene	95-73-8	2,3,4-Trichlorotoluene	7359-72-0
2,6-Dichlorotoluene	118-69-4	2,3,6-Trichlorotoluene	2077-46-5
3,5-Dichlorotoluene	25186-47-4	2,4,6-Trichlorotoluene	23749-65-7
2,3,5-Trichlorotoluene	56961-86-5	2,3,4,5-Tetrachlorotoluene	1006-32-2, 76057-12-0
2,4,5-Trichlorotoluene	6639-30-1	2,3,5,6-Tetrachlorotoluene	1006-31-1, 29733-70-8
3,4,5-Trichlorotoluene	21472-86-6	Benzyl chloride	100-44-7
2,3,4,6-Tetrachlorotoluene	875-40-1	Benzotrichloride	98-07-7
2,3,4,5,6-Pentachlorotoluene	877-11-2	4-Chlorobenzotrichloride	5216-25-1
3-Chlorotoluene	108-41-8	α-substituted-Chlorotoluenes	Various
2,3-Dichlorotoluene	32768-54-0		

Polycyclic aromatic hydrocarbons (PAHs)

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Acenaphthene	83-32-9	Dibenzo[a,h]anthracene	53-70-3
Acenaphthylene	208-96-8	Dibenzo[a,e]pyrene	192-65-4
Anthracene	120-12-7	Dibenzo[a,h]pyrene	189-64-0
Benzo[a]anthracene	56-55-3	Dibenzo[a,i]pyrene	189-55-9
Benzo[a]pyrene	50-32-8	Dibenzo[a,l]pyrene	191-30-0
Benzo[b]fluoranthene	205-99-2	Fluoranthene	206-44-0
Benzo[e]pyrene	192-97-2	Fluorene	86-73-7
Benzo[ghi]perylene	191-24-2	Indeno[1,2,3-cd]pyrene	193-39-5
Benzo[j]fluoranthene	205-82-3	1-Methylpyrene	2381-21-7
Benzo[k]fluoranthene	207-08-9	Naphthalene	91-20-3
Chrysene	218-01-9	Phenanthrene	85-01-8
Cyclopenta[c,d]pyrene	27208-37-3	Pyrene	129-00-0

Annex 7

Compilation of the individual substances for Annex 6, part 5

Forbidden flame retardant substances

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Polybromobiphenyls (Polybrominated biphenyls)	59536-65-1	PBBs
Monobromobiphenyls	various	MonoBB
Dibromobiphenyls	various	DiBB
Tribromobiphenyls	various	TriBB
Tetrabromobiphenyls	various	TetraBB
Pentabromobiphenyls	various	PentaBB
Hexabromobiphenyls	various	HexaBB
Heptabromobiphenyls	various	HeptaBB
Octabromobiphenyls	various	OctaBB
Nonabromobiphenyls	various	NonaBB
Decabromobiphenyl	13654-09-6	DecaBB
Polybrominated diphenyl ethers	various	PBDEs
Monobromodiphenylethers	various	MonoBDEs
Dibromodiphenylethers	various	DiBDEs
Tribromodiphenylethers	various	TriBDEs
Tetrabromodiphenylethers	various, 40088-47-9	TetraBDEs
Pentabromodiphenylethers	various, 32534-81-9	PentaBDEs
Hexabromodiphenylethers	various, 36483-60-0	HexaBDEs
Heptabromodiphenylethers	various, 68928-80-3	HeptaBDEs
Octabromodiphenylethers	various, 32536-52-0	OctaBDEs
Nonabromodiphenylethers	various, 63936-56-1	NonaBDEs
Decabromodiphenylether	1163-19-5	DecaBDE
Tri(2,3-dibromopropyl)phosphate	126-72-7	TRIS
Tris(2-chloroethyl)phosphate	115-96-8	TCEP
Hexabromocyclododecane and all main diastereomeres identified (alpha-, beta-, gamma-)	various, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4	HBCDD
Tetrabromobisphenol A	79-94-7	TBBPA
Bis(2,3-dibromopropyl)phosphate	5412-25-9	BIS
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	BBMP
Tris(1,3-dichloro-iso-propyl)phosphate	13674-87-8	TDCPP
Tris(aziridinyl)phosphin oxide	545-55-1	TEPA
Boric acid	10043-35-3, 11113-50-1	
Zinc borate salts	1332-07-6, 12767-90-7	
Diboron trioxide	1303-86-2	
Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	
Disodium octaborate	12008-41-2	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	
Short chain chlorinated paraffins (C10 - C13)	85535-84-8	SCCP
Medium chain chlorinated paraffins (C14 - C17)	85535-85-9, 198840-65-2, 1372804-76-6	MCCP
Trixylylphosphate	25155-23-1	TXP
Antimony trioxide	1309-64-4	Sb2O3
Antimony pentoxide	1314-60-9	Sb2O5
Tri-o-cresyl phosphate	78-30-8	

Annex 7

Compilation of the individual substances for Annex 6, part 6

Solvent residues

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
1-Methyl-2-pyrrolidone	872-50-4	NMP
N,N-Dimethylacetamide	127-19-5	DMAc
N,N-Dimethylformamide	68-12-2	DMF
Formamide	75-12-7	

Surfactant, wetting agent residues, alkyl phenols

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
4-tert-butylphenol	98-54-4	BP
Nonylphenol	various	NP
Octylphenol	various	OP
Heptylphenol	various	HpP
Pentylphenol	various	PeP
Nonylphenoethoxylates	various	NP(EO)
Octylphenoethoxylates	various	OP(EO)

Other chemical residues

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Aniline	62-53-3	
Benzene	71-43-2	
Bisphenol A (4,4'-Isopropylidenediphenol)	80-05-7	BPA
Bisphenol B (4,4'-(1-methylpropylidene)bisphenol)	77-40-7	BPB
Diazene-1,2-dicarboxamide	123-77-3	ADCA
Dimethylfumarate	624-49-7	DMFu
Phenol	108-95-2	
o-Phenylphenol	90-43-7	OPP
Quinoline (Chinoline / Benzo[b]pyridine)	91-22-5	
Glutaraldehyde	111-30-8	
Tris(2-chloroethyl)phosphate	115-96-8	TCEP
Tris(4-nonylphenyl, branched and linear)phosphite with 0.1% w/w of 4-nonylphenol, branched and linear	various	TNPP

Chemical residues under observation / 監視対象 残留化学物質

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
Methylisothiazolinone	2682-20-4	Bisphenol S (4,4'-Sulfonyldiphenol)	80-09-1
Bisphenol F (4,4'-Methylenediphenol)	620-92-8	Bisphenol AF (4,4'-(1,1,1,3,3,3-Hexafluoropropane-2,2-diyldiphenol)	1478-61-1

UV stabilizers

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol	3846-71-7	UV 320
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	3864-99-1	UV 327
2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol	25973-55-1	UV 328
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	UV 350

Chlorinated paraffins

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Short chain chlorinated paraffins (C10 - C13)	85535-84-8	SCCP
Medium chain chlorinated paraffins (C14 - C17)	85535-85-9, 198840-65-2, 1372804-76-6	MCCP

Siloxanes

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Octamethylcyclotetrasiloxane	556-67-2	D4
Decamethylcyclopentasiloxane	541-02-6	D5
Dodecamethylcyclohexasiloxane	540-97-6	D6

N-Nitrosamines; N-nitrosatable substances

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
N-Nitrosodibenzylamine	5336-53-8	NDBzA
N-Nitrosodibutylamine	924-16-3	NDBA
N-Nitrosodiethanolamine	1116-54-7	NDELA
N-Nitrosodiethylamine	55-18-5	NDEA
N-Nitrosodiisobutylamine	997-95-5	NDiBA
N-Nitrosodiisononylamine	1207995-62-7	NDiNA
N-Nitrosodiisopropylamine	601-77-4	NDiPA
N-Nitrosodimethylamine	62-75-9	NDMA
N-Nitrosodipropylamine	621-64-7	NDPA
N-Nitrosomethylethylamine	10595-95-6	NMEA
N-Nitrosomorpholine	59-89-2	NMOR
N-Nitroso-N-ethyl-N-phenylamine	612-64-6	NEPhA
N-Nitroso-N-methyl-N-phenylamine	614-00-6	NMPhA
N-Nitroso-piperidine	100-75-4	NPIP
N-Nitroso-pyrrolidine	930-55-2	NPYR

Annex 7

Compilation of the individual substances for Annex 6, part 7

PFCs, Per- and polyfluorinated compounds

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Perfluorooctane sulfonic acid and sulfonates	1763-23-1, et. al.	PFOS
Perfluorooctane sulfonamide	754-91-6	PFOSA
Perfluorooctane sulfonfluoride	307-35-7	PFOSF / POSF
N-Methyl perfluorooctane sulfonamide	31506-32-8	N-Me-FOSA
N-Ethyl perfluorooctane sulfonamide	4151-50-2	N-Et-FOSA
N-Methyl perfluorooctane sulfonamide ethanol	24448-09-7	N-Me-FOSE
N-Ethyl perfluorooctane sulfonamide ethanol	1691-99-2	N-Et-FOSE
Perfluoroheptanoic acid and salts	375-85-9, et. al.	PFHpA
Perfluorooctanoic acid and salts	335-67-1, et. al.	PFOA
Perfluorononanoic acid and salts	375-95-1, et. al.	PFNA
Perfluorodecanoic acid and salts	335-76-2, et. al.	PFDA
Henicosafluoroundecanoic acid and salts	2058-94-8, et. al.	PFUdA
Tricosafluorododecanoic acid and salts	307-55-1, et. al.	PFDoA
Pentacosafluorotridecanoic acid and salts	72629-94-8, et. al.	PFTrDA
Heptacosafluorotetradecanoic acid and salts	376-06-7, et. al.	PFTeDA
<u>Others</u>		
<u>Further Perfluorinated carboxylic acids</u>		
Perfluorobutanoic acid and salts	375-22-4, et. al.	PFBA
Perfluoropentanoic acid and salts	2706-90-3, et. al.	PFPeA
Perfluorohexanoic acid and salts	307-24-4, et. al.	PFHxA
Perfluoro(3,7-dimethyloctanoic acid) and salts	172155-07-6, et. al.	PF-3,7-DMOA
<u>Perfluorinated carboxylic and sulfonic acids under observation</u>		
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and its acyl halides	various	
<u>Perfluorinated sulfonic acids</u>		
Perfluorobutane sulfonic acid and salts	375-73-5, 59933-66-3, et. al.	PFBS
Perfluorohexane sulfonic acid and salts	355-46-4, et. al.	PFHxS
Perfluoroheptane sulfonic acid and salts	375-92-8, et. al.	PFHpS
Henicosafluorodecane sulfonic acid and salts	335-77-3, et. al.	PFDS
<u>Partially fluorinated carboxylic / sulfonic acids</u>		
7H-Perfluoro heptanoic acid and salts	1546-95-8, et. al.	7HPFHpA
2H,2H,3H,3H-Perfluoroundecanoic acid and salts	34598-33-9, et. al.	4HPFUnA
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	1H,1H,2H,2H-PFOS
<u>PFOA related Substances</u>		
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluorodecanesulphonic acid and its salts	39108-34-4, et. al.	8:2 FTS
<u>Partially fluorinated linear alcohols</u>		
1H,1H,2H,2H-Perfluoro-1-hexanol	2043-47-2	4:2 FTOH
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	6:2 FTOH
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluoro-1-dodecanol	865-86-1	10:2 FTOH
<u>Esters of fluorinated alcohols with acrylic acid</u>		
1H,1H,2H,2H-Perfluorooctyl acrylate	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorododecyl acrylate	17741-60-5	10:2 FTA

Annex 7

Compilation of the individual substances for Annex 6, part 8

Chlorinated solvents

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Dichloromethane	75-09-2	1,1,1,2-Tetrachloroethane	630-20-6
Trichloromethane (Chloroform)	67-66-3	1,1,2,2-Tetrachloroethane	79-34-5
Tetrachloromethane	56-23-5	Pentachlorethane	76-01-7
1,1-Dichloroethane	75-34-3	1,1-Dichloroethylene	75-35-4
1,2-Dichloroethane	107-06-2	1,2-Dichloroethylene	540-59-0, 156-59-2, 156-60-5
1,1,1-Trichloroethane	71-55-6	Trichloroethylene	79-01-6
1,1,2-Trichloroethane	79-00-5	Tetra(per)chloroethylene	127-18-4

Other VOCs (volatile organic compounds) and glycols

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Methylethylketone	78-93-3	Styrene	100-42-5
Ethylbenzene	100-41-4	Benzene	71-43-2
Xylene	95-47-6, 108-38-3, 106-42-3, 1330-20-7 (mixture)	Toluene	108-88-3
Cyclohexanone	108-94-1	2-Ethoxyethanol	110-80-5
2-Ethoxyethylacetate	111-15-9	Ethylene glycol dimethyl ether	110-71-4
1,2,3-Trichloropropane	96-18-4	2-Methoxyethanol	109-86-4
Acetophenone	98-86-2	2-Methoxyethylacetate	110-49-6
Naphthalene	91-20-3	2-Methoxypropylacetate	70657-70-4
2-Phenyl-2-propanol	617-94-7	Triethylene glycol dimethyl ether	112-49-2
Bis(2-methoxyethyl)ether	111-96-6		

VOCs (volatile organic compounds) and glycols under observation

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
1,2-Diethoxyethane	629-14-1	2-Methoxypropanol	1589-47-5

Cresols

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
o-Cresol	95-48-7	p-Cresol	106-44-5
m-Cresol	108-39-4		

Heavy Metals

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Sb (Antimony)	7440-36-0, et. al.	Ni (Nickel)	7440-02-0, et. al.
As (Arsenic)	7440-38-2, et. al.	Hg (Mercury)	7439-97-6, et. al.
Pb (Lead)	7439-92-1, et. al.	Ba (Barium)	7440-39-3, et. al.
Cd (Cadmium)	7440-43-9, et. al.	Mn (Manganese)	7439-96-5, et. al.
Cr (Chromium)	7440-47-3, et. al.	Se (Selenium)	7782-49-2, et. al.
Co (Cobalt)	7440-48-4, et. al.	Zn (Zinc)	7440-66-6, et. al.
Cu (Copper)	7440-50-8, et. al.		

Process preservative agents under observation / 監視対象 工程用防腐剤

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
2-Mercaptobenzothiazole	149-30-4	4-Chloro-3-methylphenole	59-50-7
2-Octylisothiazol-3(2H)-on	26530-20-1	[(1,3-benzothiazol-2-yl)sulfanyl]methyl thiocyanate	21564-17-0

Annex I

Declaration of Conformity / 適合性宣言

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Annex II

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