STANDARD
100

Standard

OEKO-TEX® STANDARD 100

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

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OEKO TEX®
STANDARD 100

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1. Purpose

The OEKO-TEX® STANDARD 100 standard is part of the testing, certification and licensing products offered by OEKO-TEX Service Gmbh (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.
The OEKO-TEX® STANDARD 100 (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 OEKO-TEX® STANDARD 100 trademark.

The applicable Terms of Use (ToU) for all OEKO- TEX® products (standards) as defined in Annex II also apply.

2. Applicability

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.

This standard is also applicable to mattresses, feathers and downs, foams, upholstery and other materials with similar characteristics.

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 OEKO- TEX® LEATHER STANDARD are applied. The up to date, valid OEKO-TEX® LEATHER STANDARD, which is then co-applicable, is available at the OEKO-TEX® website (www.oeko-tex.com) and can be downloaded there.

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 OEKO-TEX® LEATHER STANDARD.

In a general way it behoves solely the institute as well as possibly also the OEKO-TEX® Secretariat, to reject a testing and certification and not to apply this standard.

The STANDARD 100 is not applicable for:

- Leather materials / articles, leather fibre boards, skins and / or furs: These products are tested and certified according to the OEKO- TEX® LEATHER STANDARD. Hereby skins and furs are subject for special regulations.
- Chemicals, auxiliaries and colourants: These products can be tested and certified according to the OEKO-TEX® ECO PASSPORT.

3. OEKO-TEX® STANDARD 100 trademark

3.1 Content and statement

The OEKO-TEX® STANDARD 100 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 accordance 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® website (www.oeko- tex.com) and about the certificate number mentioned on the OEKO-TEX® STANDARD 100 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 OEKO-TEX® STANDARD 100 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 be-

haviour etc. Furthermore the mark does not declare anything regarding other quality or legal aspects, such as product safety, possibly necessary EC type examination, SVHC that are not listed in Annex 4 or 6, textile labelling or others 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 OEKO-TEX® STANDARD 100 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 (trademark)

In line with its importance the OEKO-TEX® STANDARD 100 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 OEKO-TEX® STANDARD 100 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 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 Trademark use

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

4. Terms & definitions

Terms specific to the OEKO-TEX® STANDARD 100 are defined below. Additional terms are defined in the ToU for all standards in the OEKO-TEX® product portfolio.

4.1 Harmful substances

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.

4.2 Certificate scope

The certificate scope describes the items which are certified and included in the certification. It is a product description to define the certified articles and components, ensuring that each part of an article group can be clearly identified.

The structure of a certificate scope is as follows:

- Product category including variation: e.g. fiber, yarn, knitted/woven fabric; brushed, fleece, plush and terry; readymade garments like T- shirt.
- Material composition: e.g. cotton, cotton/poly- ester, elastane (LYCRA®). For recycled material: recycled content of the main product and the origin (pre- or post-consumer material), e.g. re- cycled polyester (recycled content 100 %: from post-consumer PET bottles). For raw plant- or animal-based fibers / yarns, feathers, and downs: the provenience (country).
- Processed state: e.g. raw, white, dyed, yarn dyed, printed, painted, finished.
    - Dyestuff class: e.g. reactive dyed; disperse dyed.
    - Printing technique and used colourants: e.g. pigment all over printed; rubber motif printed. Special colours like neon, fluorescent colours, gold, silver
    - Finishing process: e.g. softener finished.
- Accessories (for readymade articles): e.g. sewing threads, printed labels
- Standard sentences:
    - When using active chemical products:
        - e.g. “produced with fibers and finished with products having biologically active/flame retardant properties accepted by OEKO-TEX®.”
    - Adding the information if material certified according to OEKO-TEX® is used:
        - e.g. “produced using components partly pre-certified according to OEKO-TEX® STANDARD 100 and/or LEATHER STANDARD and/or ECO PASSPORT.”

Can be combined in one certificate:

- Articles from the same production stage and used for the same purpose (e.g. 1) T-shirts and pullovers with dresses and pants or 2) woven with knitted fabrics).
- Commission processes (e.g. dyeing, printing, embroidery, weaving).
- Non-textile accessories made from similar main components (e.g. Metal buttons, pullers and buckles)
- Different accessories that are all OEKO-TEX® STANDARD 100 certified (e.g. sewing treads, buttons, labels, tapes).

Not combinable in one certificate scope:

- Articles with different use (e.g. home textiles like curtains with readymade garments like T-shirts).
- Articles from different production stages (e.g. yarns with fabrics or fabrics with accessories).
- Articles from own business and commission work.
- Articles made of organic cotton and conventional cotton.
- Articles made of virgin and recycled material.
- Different accessories which are not OEKO-TEX® STANDARD 100 certified (e.g. sewing threads, buttons, tapes).

4.3 Product classes

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.

4.3.1 Product class I: For babies

The 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.

4.3.2 Product class II: Products with direct skin contact

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, under- wear, mattresses etc.).

4.3.3 Product class III: Products without direct skin contact

Articles without direct contact to skin are those, which are worn with only a little part of their sur- face in direct contact with the skin (e.g. stuffings, etc.).

4.3.4 Product class IV: Decoration material

Decoration material in the context of this standard are all articles including initial products and accessories which are used for decoration such as table cloths, wall coverings, furnishing fabrics and curtains, upholstery fabrics, and floor coverings.

4.3.5 Annex 6: Expanded requirements

With the expanded requirements defined in Annex 6, it should be increasingly possible to draw conclusions about special environmentally friendly pro- duction 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 OEKO-TEX® STeP and OEKO- TEX® DETOX TO ZERO.

4.4 Active products

4.4.1 Biologically active products

Biologically 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.

4.4.2 Flame retardant products

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.

5. Testing and certification procedure

5.1 General conditions

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 OEKO-TEX® STANDARD 100 certificate are governed by the Terms of Use (ToU). Reference shall also be made to the Declaration of Conformity. The following section provides conditions which are specific to STANDARD 100.

5.2 Product specific requirements

5.2.1 Criteria catalogues to Annex 4 & expanded Annex 6

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.
The applicant must specify in the application for testing and certification in accordance with STANDARD 100, whether

the materials or articles shall be tested according to Annex 4 or Annex 6 and certified accordingly. This choice is important and will be noted later on the certificate.

Annex 6 and the accompanying Annex 7 concern an expanded criteria catalogue. This expanded catalogue has been developed specifically 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 view- point 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”.

5.2.2 Other materials

For leather and accessories made of leather, components made of leather fibre boards as well as for skins and furs possibly present in the article the conditions and criteria of OEKO-TEX® LEATHER STANDARD are effective.

5.2.3 PPE & Special Articles

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 OEKO-TEX® STANDARD 100 - Supplement "PPE" can be carried out.

For textile material containing products, that do not represent „classic“ articles within the application area of the OEKO-TEX® STANDARD 100 such as chairs and couches, children’s pushchairs, suitcases, bags, backpacks etc., a testing and certification according to the OEKO-TEX® STANDARD 100 - Supplement „Special Articles“ is possible.

5.2.4 New or tightened requirements

Generally 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.

For new or more severe requirements normally a transition period for implementation is valid until the following 1st of April.

However, the OEKO-TEX Service GmbH 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. For further details it is referred to the Terms of Use (ToU).

5.3 Requirements: Biologically active products

When using biologically active products it is distinguished between fibre materials where the biologically active agents are incorporated into the fibres and a treatment of textiles with biologically active products in a later processing step.

5.3.1 Fibre materials

The use of fibre materials with biologically active properties is accepted at a certification process according to STANDARD 100, when a thorough and separate prior assessment made 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 of this standard, however, still has to be provided.

5.3.2 Finish

The use of finishes with biologically active products is accepted within a certification process according to STANDARD 100, when a thorough and separate prior assessment made by OEKO-TEX® has revealed, 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.

5.4 Requirements: Flame retardant products

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.

5.4.1 Fibre materials

The use of fibre materials with flame retardant properties is accepted at a certification process according to STANDARD 100, when a thorough and separate prior assessment made 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 of this standard, however, still has to be provided. To the special usage regulations at testing and certification processes according to Annex 6 is pointed out explicitly.

5.4.2 Finish

The use of finishes with flame retardant products is accepted within a certification process according to STANDARD 100, when a thorough and separate prior assessment made by OEKO-TEX® has revealed, 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.

5.5 Requirements: Materials & articles with organic cotton

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 OEKO-TEX® ORGANIC COTTON certified cotton can be used in the production of the product and a valid OEKO- TEX® transaction certificate from the supplier must be submitted indicating the origin of the material and proving that no genetically modified organisms (GMO) were used. Moreover, the organic cotton content must be below 70% weight of the textile component it is found in. 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”. However, organic cotton may not be combined with conventional cotton. The OEKO-TEX Service GmbH explicitly states that this test and process does not certify or provide proof of “ecologically and socially responsible cotton textile production”.

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

5.6 Requirements: Recycled materials

Special requirements and rules apply if the applicant uses the term “recycled” in the product group description of the certificate. Only post- and pre-consumer waste material must be used in the manufacturing of the product and a proof indicating the recycled origin of the material must be submitted. Moreover, pre-consumer PET bottles are not allowed as a source of recycled material. 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”.

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 will gladly provide information concerning the special recycling regulations. 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 sources can only be certified in the product 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 be still be provided.

5.7 Testing & 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 shall 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 (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 OEKO-TEX® STANDARD 100 are taken into consideration when defining the scope of the test.

Leather materials, leather fibre boards, skins and furs which are certified according to OEKO-TEX® LEATHER STANDARD 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 OEKO-TEX® STANDARD 100 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 OEKO-TEX® STANDARD 100 certificate and transfers it to the applicant.

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 OEKO-TEX® STANDARD 100 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 a quality assurance officer of the OEKO-TEX Service GmbH 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. If the company/production facility holds an OEKO-TEX® STeP certificate, an On-Site Visit is not necessary for the STANDARD 100 certification. Exclusion criteria are defined and represent the most important criteria for determining suitability for certification with an OEKO-TEX® STANDARD 100. All exclusion criteria must be fulfilled if a facility is to be eligible for OEKO-TEX® STANDARD 100 certification (see Annex III). 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.

Additionally, OEKO-TEX® and its quality assurance officer have the right to conduct an unannounced On-Site Visits at any OEKO-TEX® STANDARD 100 certified company/production facility at any time. The facility must grant entry to quality assurance officers during unannounced On-site Visit as per the signed Terms of Use (ToU). The cost of such an unannounced audit is to be paid by the facility. Failure to allow entry into the factory will result in the withdrawal of the certificate.

The customer is entitled to request the renewal of their certificate and with it the license to use the OEKO-TEX® STANDARD 100 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 OEKO-TEX® STANDARD 100 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 professionally physically or chemically altered or treated. This includes also washing and chemical cleaning. Please refer also to the Termes 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 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 Termes of Use (ToU) for more information about the consequences of failing to meet this obligation.

6. Legal relationship

6.1 General conditions

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 GmbH and the testing institute on the one side and the customer on the other.

6.2 Request, offer and acceptance

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 OEKO-TEX® STANDARD 100, according to this standard.

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 GmbH as the entitled company of the various OEKO-TEX® trademarks, please refer to the ToU.

6.3 Declaration of Conformity

The applicant must submit a Declaration of Conformity for the article group which they would like to be OEKO-TEX® STANDARD 100 certified. This declaration obliges them to be solely responsible for ensuring that the certified articles comply with the OEKO-TEX® STANDARD 100 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 OEKO-TEX® LEATHER STANDARD 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).

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.

6.4 Issuance of certificate

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

6.5 Trademark usage

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

6.6 Customer declaration

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 retracted in writing at any time.

6.7 Document hierarchy

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 GmbH takes precedence over the GTC of the testing institute.

Annex 1

OEKO-TEX® Institutes

The International OEKO-TEX® Association consists of independent institutes in Europe and Japan, with offices around the globe.

The testing and research institutes offering certification and licensing according to MADE IN GREEN, STANDARD 100, ORGANIC COTTON, LEATHER STANDARD, STeP, ECO PASSPORT and / or RESPONSIBLE BUSINESS can be found on the OEKO-TEX® homepage www.oeko-tex.com/en/about-us/offices.

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Annex 2

Labelling

When an OEKO-TEX® STANDARD 100 certificate is issued, the label holder receives a licence to use the corresponding OEKO-TEX® label.

The OEKO-TEX® Labelling Guide covers rules and guidelines that govern the use of the OEKO-TEX® trademark and OEKO-TEX® labels. It defines the guideline for a standardised appearance of the OEKO-TEX® labels. It assists companies, manufacturers, brands, retailer and all OEKO-TEX® partner to label their certified products correctly and to develop marketing materials to communicate company efforts.

Labelling Guide

All layout version of the OEKO-TEX® labels can be downloaded via the Label Editor in the myOEKO-TEX® platform.

Annex 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 pack- aging must be double wrapped and sealed with a tape. Adhesive / packaging tape must NOT be used to directly seal the samples. 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 the above instructions, the applicant accepts that the OEKO-TEX® Institute is not responsible for any “inaccurate” test sample results which could be due to contamination, etc. resulting from the customer's improper packaging of the samples.

Annex 4

For a compilation of individual substances and CAS numbers, please see Annex 5 of this standard document.

Limit values tables

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

Limit values and fastness

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 value [1]				
	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyde [mg/kg]				
Free and partially releasable	n.d. [2]	75	150	300
Extractable (heavy) metals [mg/kg]				
As (Arsenic)	0,2	1,0	1,0	1,0
Ba (Barium)	1000	1000	1000	1000
Cd (Cadmium)	0,1	0,1	0,1	0,1
Co (Cobalt)	1,0	4,0	4,0	4,0
Cr (VI) (Chromium (VI))	0,5	0,5	0,5	0,5
Cr (Chromium)	1,0	2,0	2,0	2,0
Cu (Copper / Kupfer)	25.0 [3]	50.0 [3]	50.0 [3]	50.0 [3]
Hg (Mercury)	0,02	0,02	0,02	0,02
Ni (Nickel) [4]	1.0 [5]	4.0 [6]	4.0 [6]	4.0 [6]
Pb (Lead)	0,2	1.0 [7]	1.0 [7]	1.0 [7]
Sb (Antimony)	30,0	30,0	30,0	
Se (Selenium)	100	100	100	100
Heavy metals total content [mg/kg]				
As (Arsenic)	100	100	100	100
Cd (Cadmium)	40,0	40.0 [7]	40.0[7]	40.0[7]
Hg (Mercury)	0,5	0,5	0,5	0,5
Pb (Lead)	90,0	90.0 [7]	90.0[7]	90.0[7]
Pesticides [mg/kg]				
Methoxychlor	0,01	0,01	0,01	0,01
Sum	0,5	1,0	1,0	1,0
Glyphosate and salts	5	5	5	5
Pesticides under observation	u.o.			
Chlorinated phenols [mg/kg]				
Monochlorophenols (MCP), Sum	0,5	3,0	3,0	3,0
Dichlorophenols (DCP), Sum	0,5	3,0	3,0	3,0
Trichlorophenols (TrCP), Sum	0,2	2,0	2,0	2,0

[1] Exceptions for products which must be treated wet during the further processing: 4.0 - 10.5; for foams: 4.0 - 9.0; for wet wipes: 3.5 to 7.5; for taffeta labels: 4.0 - 9.0; for film material (e.gl polyolefin films) with incorporated calciumbicarbonate/carbonate or talc and wallpaper, without direct skin contact: 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] No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biologically active products
[4] Including the requirement by REACH-Regulation Annex XVII, Entry 27
[5] For metallic accessories and metallized surfaces: 0.5 mg/kg
[6] For metallic accessories and metallized surfaces: 1.0 mg/kg
[7] For accessories made from glass: 0.1 % (1000 mg/kg)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Tetrachlorophenols (TeCP), Sum	0,05	0,5	0,5	0,5
Pentachlorophenol (PCP)	0,05	0,5	0,5	0,5
Plasticizer/Phthalates [mg/kg]				
Sum	500	500	500	
Sum without DINP				1000
Organic tin compounds [mg/kg]				
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
Bisphenols [mg/kg]				
Bisphenol A	10	10	10	10
Bisphenol B	1000	1000	1000	1000
Bisphenol AF	1000	1000	1000	1000
Bisphenol F	1000	1000	1000	1000
Bisphenol S	1000	1000	1000	1000
2,2'-Methylene bis(4-methyl-6-tert-butylphenol)	1000	1000	1000	1000
Colourants [mg/kg]				
Allergens	50	50	50	50
Aniline	20	50	50	50
Carcinogens	50	50	50	50
Carcinogenic arylamines except aniline; each	20	20	20	20
Carcinogenic arylamines under observation	u.o.			
Michler's Ketone / Base; each	1000	1000	1000	1000
Navy blue	not used			
Others	50	50	50	50
Chlorinated benzenes and toluenes [mg/kg]				
Sum	1,0	1,0	1,0	1,0
Polycyclic aromatic hydrocarbons (PAH) [mg/kg]				
Benzo[a]anthracene	0,5	1,0	1,0	1,0
Benzo[a]pyrene	0,5	1,0	1,0	1,0
Benzo[b]fluoranthene	0,5	1,0	1,0	1,0
Benzo[e]pyrene	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
Chrysene	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	5,0	10,0	10,0	10,0
Biologically active products				
	no intentional use [8]			
Flame retardant products				
General	no intentional use 10 mg/kg; each [8 9] Sum of all 50 mg/kg			
Solvent residues [mg/kg]				
2-Pyrrolidone	1000	1000	1000	1000

[8] With exception of treatments accepted by OEKO-TEX® (see current list on www.oeko-tex.com)
[9] Accepted flame retardant products do not contain any of the banned flame retardant substances listed in Annex 5 as active agent. Exception: The limit values does not apply for TCPP in PU foams and TCPP in product class IV.

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
DMAc [10]	500 1000[11]	500 1000[11]	500 1000[11]	500 1000[11]
DMF [10]	500 1000[11]	500 1000[11]	500 1000[11]	500 1000[11]
Formamide	200	200	200	200
NEP	1000	1000	1000	1000
NMP [10]	500 1000[11]	500 1000[11]	500 1000[11]	500 1000[11]
Surfactant, wetting agent residues, alkyl phenols [mg/kg]				
BP, NP, OP, HpP, PeP, NP(EO), OP(EO); Sum	100,0	100,0	100,0	100,0
BP, NP, OP, HpP, PeP; Sum	10,0	10,0	10,0	10,0
PFAS, Per- and polyfluoro alkyl substances [12]				
PFAS	no intentional use			
PFOA and salts; Sum [µg/kg]	25	25	25	25
PFOA related substances; Sum [µg/kg] [13]	250	250	250	250
C9-C14 PFCA and further PFCAs; Sum [µg/kg]	25	25	25	25
C9-C14 PFCA related substances; Sum [µg/kg] [14]	260	260	260	260
PFOS and related; Sum [µg/m²]	1	1	1	1
PFHxA and salts; Sum [µg/kg]	25	25	25	25
PFHxA related substances; Sum [mg/kg] [15]	1	1	1	1
PFHxS and salts; Sum [µg/kg]	25	25	25	25
PFHxS related substances; Sum [mg/kg] [13]	1	1	1	1
Partially fluorinated carboxylic / sulfonic acids under observation	u.o.			
Futher PFAS; Sum [µg/kg]	250	250	250	250
Fluorine content [mg/kg]				
Total fluorine (TF)	100	100	100	100
UV stabilizers [mg/kg]				
UV 320, UV 326, UV 327, UV 329, UV 350; each	100	100	100	100
UV 328	1	1	1	1
Chlorinated paraffins [mg/kg]				
SCCP, MCCP; Sum	50	50	50	50
Siloxanes [mg/kg]				
D4, D5, D6; each	1000	1000	1000	1000
Octamethyltrisiloxane [mg/kg]	1000	1000	1000	1000
L3	1000	1000	1000	1000
Nitrosamines and nitrosatable substances [mg/kg]				
N-Nitrosamines / N-Nitrosamine; each	0,5	0,5	0,5	0,5
N-nitrosatable substances ; Sum	5	5	5	5
Chlorinated solvents [mg/kg] *				
Dichloromethane	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-Dichloroethylene	1,0	1,0	1,0	1,0
1,2-Dichloroethylene	1,0	1,0	1,0	1,0

[10] 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 %
[11] For materials made of at least 50% acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramids as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles.
[12] Due to hydrolysis during sample extraction, the following substances are detected indirectly: PFOS-related substances PFOSF and PFOSA detected as PFOS; esters of fluorinated alcohols with acrylic acid detected as their respective partly fluorinated alcohol.
[13] As defined by Regulation (EC) 2019/1021 Annex I Part A.
[14] As defined by Regulation (EC) 1907/2006 Annex XVII No. 68.
[15] As defined by Regulation (EC) 1907/2006 Annex XVII No. 79.

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
1,1,1-Trichloroethane	1,0	1,0	1,0	1,0
1,1,2-Trichloroethane	1,0	1,0	1,0	1,0
Trichloroethylene	1,0	1,0	1,0	1,0
Trichloromethane (Chloroform)	1,0	1,0	1,0	1,0
1,1,1,2-Tetrachloroethane	1,0	1,0	1,0	1,0
1,1,2,2-Tetrachloroethane	1,0	1,0	1,0	1,0
Tetra(per)chloroethylene	1,0	1,0	1,0	1,0
Tetrachloromethane	1,0	1,0	1,0	1,0
Pentachloroethane	1,0	1,0	1,0	1,0
Chlorinated solvents; Sum	5,0	5,0	5,0	5,0
Cresols [mg/kg]				
o-, m-, p-Cresol / o-, m-, p-Kresol; each	10,0	10,0	10,0	10,0
Other VOCs and glycols [mg/kg] [16]*				
Acetophenone	10,0	10,0	10,0	10,0
Benzene	1,0	1,0	1,0	1,0
Bis(2-methoxyethyl)ether	10,0	10,0	10,0	10,0
1,2-Diethoxyethane	10,0	10,0	10,0	10,0
1,4-Dioxane	10,0	10,0	10,0	10,0
Cyclohexanone	10,0	10,0	10,0	10,0
2-Ethoxyethanol	10,0	10,0	10,0	10,0
2-Ethoxyethylacetate	10,0	10,0	10,0	10,0
Ethylbenzene	10,0	10,0	10,0	10,0
Ethylene glycol dimethyl ether	10,0	10,0	10,0	10,0
Methylethylketone	10,0	10,0	10,0	10,0
2-Methoxy-1-propanol	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
2-Phenyl-2-propanole	10,0	10,0	10,0	10,0
Styrene	10,0	10,0	10,0	10,0
Toluene	10,0	10,0	10,0	10,0
1,2,3-Trichloropropane	10,0	10,0	10,0	10,0
Triethylene glycol dimethyl ether	10,0	10,0	10,0	10,0
Xylene	10,0	10,0	10,0	10,0
Other chemical residues [mg/kg]				
Azodicarbonamide (ADCA)	1000	1000	1000	1000
Bis-(α,α-dimethylbenzyl)-peroxide	1000	1000	1000	1000
Bis(4-chlorophenyl) sulphone	1000	1000	1000	1000
Chemical residues under observation	u.o.			
Diphenyl (2,4,6-trimethylbenzoyl)phosphine oxide	1000	1000	1000	1000
DMFu	0,1	0,1	0,1	0,1
Melamine	1000	1000	1000	1000
2-Mercaptobenzothiazole	1000	1000	1000	1000
N-(hydroxymethyl)acrylamide	1000	1000	1000	1000
OPP	10	25	25	25
Phenol	20	50	50	50
Quinoline	50	50	50	50
Resorcinol	1000	1000	1000	1000
TCEP	10	10	10	10

[16] These limits do not apply for non-textile accessories / small parts (e.g. synthetic buttons, lacquered, painted or coated metallic components, etc.)

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
TPP	1000	1000	1000	1000
Tris(2-methoxyethoxy)vinylsilane	1000	1000	1000	1000
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear	1000	1000	1000	1000
Emission of volatiles [mg/m³] [17]				
4-Phenylcyclohexene	0,03	0,03	0,03	0,03
4-Vinylcyclohexene	0,002	0,002	0,002	0,002
Aromatic hydrocarbons	0,3	0,3	0,3	0,3
Butadiene	0,002	0,002	0,002	0,002
Formaldehyde	0,1	0,1	0,1	0,1
Organic volatiles	0,5	0,5	0,5	0,5
Styrene	0,005	0,005	0,005	0,005
Toluene	0,1	0,1	0,1	0,1
Vinylchloride	0,002	0,002	0,002	0,002
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 [18] [19]	4	4	4	4
To saliva and perspiration	fast			
Determination of odours				
General	no abnormal odour [20]			
SNV 195 651 (Modified) [17]	3	3	3	3
Banned fibres				
Asbestos	No intentional use			
Synthetic polymer microplastics in decorative articles [21]	No intentional use			
Releasable synthetic glitter	u.o.			

[17] For textile carpets, mattresses as well as foams and large coated articles not being used for clothing
[18] No requirements for 'wash-out' – articles
[19] For pigment, vat or sulphurous colourants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable
[20] No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume
[21] as defined by (EC) 1907/2006 Annex XVII N

Annex 5

Compilation of the individual substances for Annex 4

Formaldehyde	
Name	CAS number
Formaldehyde	50-00-0

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

Pesticides			
Name	CAS number	Name	CAS number
2,4,5-T	93-76-5	Endrin	72-20-8
2,4-D	94-75-7	Esfenvalerate	66230-04-4
Acetamiprid	135410-20-7, 160430-64-8	Fenvalerate	51630-58-1
Aldicarb	116-06-3	Heptachlor	76-44-8
Aldrin	309-00-2	Heptachloroepoxide	1024-57-3, 28044-83-9
Azinophosethyl	2642-71-9	Hexachlorobenzene	118-74-1
Azinophosmethyl	86-50-0	Hexachlorocyclohexane, α-	319-84-6
Bromophos-ethyl	4824-78-6	Hexachlorocyclohexane, β-	319-85-7
Captafol	2425-06-1	Hexachlorocyclohexane, δ-	319-86-8
Carbaryl	63-25-2	Imidacloprid	105827-78-9, 138261-41-3
Carbendazim	10605-21-7	Isodrin	465-73-6
Chlorbenzilate	510-15-6	Kelevan	4234-79-1
Chlordane	57-74-9	Kepone	143-50-0
Chlordimeform	6164-98-3	Lindane	58-89-9
Chlorfenvinphos	470-90-6	Malathion	121-75-5
Chlorothalonil	1897-45-6	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 et.al.
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
Dichlorophene	97-23-4	Phosphamidone	13171-21-6
Dicofol	115-32-2	Propethamphos	31218-83-4
Dichlorprop	120-36-5	Profenophos	41198-08-7
Dicrotophos	141-66-2	Silafluofen	105024-66-6
Dieldrine	60-57-1	Strobane	8001-50-1
Dimethoate	60-51-5	Quinalphos	13593-03-8
Dinoseb, its salts and acetate	88-85-7 et. al.	Telodrin	297-78-9
Dinotefuran	165252-70-0	Thiacloprid	111988-49-9
DTTB	63405-99-2	Thiamethoxam	153719-23-4
Endosulfan	115-29-7	Tolylfluanid	731-27-1
Endosulfan, α-	959-98-8	Toxaphen (Camphechlor)	8001-35-2
Endosulfan, β-	33213-65-9	Trifluralin	1582-09-8

Pesticides under observation	
Name	**CAS number**
Atrazine	1912-24-9
Bendiocarb	22781-23-3
Bifenthrin	82657-04-3
Bioresmethrin (Resmethrin)	28434-01-7
Buprofezin	69327-76-0
Captafol	2425-06-1
Carbosulfan	55285-14-8
Chlorfenapyr	122453-73-0
Chlorfluazuron	71422-67-8
Chlorpyrifos-ethyl	2921-88-2
Chlorpyrifos-methyl	5598-13-0
Clethodim	99129-21-2
Cyclanilide	113136-77-9
Diafenthiuron	80060-09-9
Dichlofenthion	97-17-6
Dichlorvos	62-73-7
Diflubenzuron	35367-38-5
Diuron	330-54-1
Empenthrin	54406-48-3
Endosulfansulfate	1031-07-8
Ethion	563-12-2
Fenchlorphos	299-84-3
Fenitrothion	122-14-5
Fenpropathrin	39515-41-8
Fenthion	55-38-9
Fipronil	120068-37-3
Flumethrin	69770-45-2
Lufenuron	103055-07-8
Metam-sodium / Metam-Natrium	137-42-8
Methomyl	16752-77-5
Metolachlor	51218-45-2
Pendimethalin	40487-42-1
Phosmet	732-11-6
Phoxim / Baythion	14816-18-3
Pirimiphos-ethyl	23505-41-1
Pirimiphos-methyl	29232-93-7
Prometryn	83653-07-0
Pymetrozine	123312-89-0
Pyrethrums	8003-34-7
Quintozine	82-68-8
Teflubenzuron	83121-18-0
Tetrachlorvinphos	961-11-5
Thidiazuron	51707-55-2
Thiodicarb	59669-26-0
Tolclofos-methyl	57018-04-9
Transfluthrin	118712-89-3
Trifloxysulfuron-sodium	199119-58-9
Triflumuron	64628-44-0

Glyphosate and salts	
Name	**CAS number**
e.g. Isopropylammonium- salt, potassium salt, ammonium salt	1071-83-6, 38641-94-0, 70901-12-1, 40465-66-5, et.al.

Chlorinated phenols	
Name	**CAS number**
2-Chlorophenol	95-57-8
3-Chlorophenol	108-43-0
4-Chlorophenol	106-48-9
2,3-Dichlorophenol	576-24-9
2,4-Dichlorophenol	120-83-2

Chlorinated phenols	
Name	CAS number
2,5-Dichlorophenol	583-78-8
2,6-Dichlorophenol	87-65-0
3,4-Dichlorophenol	95-77-2
3,5-Dichlorophenol	591-35-5
2,3,4-Trichlorophenol	15950-66-0
2,3,5-Trichlorophenol	933-78-8
2,3,6-Trichlorophenol	933-75-5
2,4,5-Trichlorophenol	95-95-4
2,4,6-Trichlorophenol	88-06-2
3,4,5-Trichlorophenol	609-19-8
2,3,4,5-Tetrachlorophenol	4901-51-3
2,3,4,6-Tetrachlorophenol	58-90-2
2,3,5,6-Tetrachlorophenol	935-95-5
Pentachlorophenol	87-86-5

Plasticizer/Phthalates		
Name	CAS number	Acronym
Benzylbutylphthalate	85-68-7	BBP
Dimethylphthalate	131-11-3	DMP
Diethylphthalate	84-66-2	DEP
Dibutylphthalate	84-74-2	DBP
Di-(2-methoxyethyl)phthalate	117-82-8	DMEP
Di-(2-ethylhexyl)phthalate	117-81-7	DEHP
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		
Name	various	Acronym
Monomethyltin	various	MMT
Monobutyltin	various	MBT
Monophenyltin	various	MPhT
Monooctyltin	various	MOT
Dimethyltin	various	DMT
Dipropyltin	various	DPT
Dibutyltin	various	DBT
Diphenyltin	various	DPhT
Dioctyltin	various	DOT
Trimethyltin	various	TMT
Tripropyltin	various	TPT
Tributyltin	various	TBT
Triphenyltin	various	TPhT
Trioctyltin	various	TOT
Tricylcohexyltin	various	TCyHT
Tetraethyltin	various	TeET
Tetrabutyltin	various	TeBT
Tetraoctyltin	various	TeOT

Bisphenols		
Name	CAS number	Acronym
Bisphenol A (4,4'-Isopropylidenediphenol)	80-05-7	BPA
Bisphenol B (4,4'-(1-methylpropylidene)bisphenol)	77-40-7	BPB
Bisphenol AF (4,4'-(1,1,1,3,3,3-Hexafluoropropane-2,2-diyl)diphenol)	1478-61-1	BPAF
Bisphenol F (4,4'-Methylenediphenol)	620-92-8	BPF
Bisphenol S (4,4'-Sulfonyldiphenol)	80-09-1	BPS
2,2'-Methylene bis(4-methyl-6-tert-butylphenol)	119-47-1	

Carcinogenic arylamines	
Name	CAS number
4-Aminoazobenzene	60-09-3
o-Aminoazotoluene	97-56-3
2-Amino-4-nitrotoluene	99-55-8
4-Aminobiphenyl	92-67-1
Aniline	62-53-3
o-Anisidine (2-Methoxyaniline)	90-04-0
Benzidine	92-87-5
4-Chloro-o-toluidine	95-69-2
4-Chloro-o-toluidinium chloride	3165-93-3
4-Chloroaniline	106-47-8
p-Cresidine (6-Methoxy-m-toluidine)	120-71-8
2,4-Diaminoanisole	615-05-4
2,4-Diaminoanisole sulphate	39156-41-7
3,3-Diaminobenzidin	91-95-2
2,5-Diaminotoluene	95-70-5
4,4'-Diaminodiphenylmethane	101-77-9
3,3'-Dichlorobenzidine	91-94-1
3,3'-Dimethoxybenzidine	119-90-4
3,3'-Dimethylbenzidine	119-93-7
4-Ethoxyaniline	156-43-4
4,4'-Methylenedi-o-toluidine	838-88-0
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4
2-Naphthylamine	91-59-8
2-Naphthylammoniumacetate	553-00-4
4,4'-Oxydianiline	101-80-4
4,4'-Thiodianiline	139-65-1
o-Toluidine	95-53-4
2,4-Toluylenediamine	95-80-7
2,4,5-Trimethylaniline	137-17-7
2,4,5-Trimethylaniline hydrochloride	21436-97-5
2,4-Xylidine	95-68-1
2,6-Xylidine	87-62-7

Carcinogenic arylamines under observation	
Name	CAS number
p-Anisidine	104-94-9
2-Amino-5-nitrothiazole	121-66-4
N-Methylaniline	100-61-8

Dyestuffs and pigments classified as carcinogenic		
C.I. Generic Name	CAS number	C.I. Structure number
C.I. Acid Red 26	3761-53-3	C.I. 16 150
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	569-61-9	C.I. 42 500
C.I. Basic Violet 3 (with ≥ 0.1 % Michler's ketone or base)	548-62-9	
C.I. Basic Violet 14	632-99-5	C.I. 42 510
C.I. Direct Black 38	1937-37-7	C.I. 30 235
C.I. Direct Blue 6	2602-46-2	C.I. 22 610
C.I. Direct Blue 15	2429-74-5	
C.I. Direct Brown 95	16071-86-6	

Dyestuffs and pigments classified as carcinogenic		
C.I. Generic Name	**CAS number**	**C.I. Structure number**
C.I. Direct Red 28	573-58-0	C.I. 22 120
C.I. Disperse Blue 1	2475-45-8	C.I. 64 500
C.I. Disperse Orange 11	82-28-0	C.I. 60 700
C.I. Disperse Yellow 3	2832-40-8	C.I. 11 855
C.I. Pigment Red 104 (Lead chromate molybdate sulphate red)	12656-85-8	C.I. 77 605
C.I. Pigment Yellow 34 (Lead sulfochromate yellow)	1344-37-2	C.I. 77 603
C.I. Solvent Blue 4 with ≥ 0.1 % Michler's ketone or base	6786-83-0	
C.I. Solvent Yellow 1 (4-Aminoazobenzene / Aniline Yellow)	60-09-3	C.I. 11100
C.I. Solvent Yellow 3 (o-Aminoazotoluene / o-Aminoazotoluol)	97-56-3	
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with ≥ 0.1 % Michler's ketone or base	561-41-1	

Dyestuffs classified as allergenic		
C.I. Generic Name	**CAS number**	**C.I. Structure number**
C.I. Disperse Blue 1	2475-45-8	C.I. 64 500
C.I. Disperse Blue 3	2475-46-9	C.I. 61 505
C.I. Disperse Blue 7	3179-90-6	C.I. 62 500
C.I. Disperse Blue 26	3860-63-7	C.I. 63 305
C.I. Disperse Blue 35	12222-75-2	
C.I. Disperse Blue 102	12222-97-8, 69766-79-6	
C.I. Disperse Blue 106	12223-01-7, 68516-81-4	
C.I. Disperse Blue 124	15141-18-1, 61951-51-7	
C.I. Disperse Brown 1	23355-64-8	
C.I. Disperse Orange 1	2581-69-3	C.I. 11 080
C.I. Disperse Orange 3	730-40-5	C.I. 11 005
C.I. Disperse Orange 37 (= 59 / = 76)	51811-42-8, 13301-61-6, 12223-33-5	C.I. 11 132
C.I. Disperse Orange 59		C.I. 11 132
C.I. Disperse Orange 76		C.I. 11 132
C.I. Disperse Red 1	2872-52-8	C.I. 11 110
C.I. Disperse Red 11	2872-48-2	C.I. 62 015
C.I. Disperse Red 17	3179-89-3	C.I. 11 210
C.I. Disperse Yellow 1	119-15-3	C.I. 10 345
C.I. Disperse Yellow 3	2832-40-8	C.I. 11 855
C.I. Disperse Yellow 9	6373-73-5	C.I. 10 375
C.I. Disperse Yellow 39	12236-29-2	
C.I. Disperse Yellow 49	6858-49-7	

Other banned dyestuffs		
C.I. Generic Name	**CAS number**	**C.I. Structure number**
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 Yellow 2 / Solvent Yellow 34 (hydrochloride and free base)	2465-27-2, 492-80-8	
C.I. Disperse Orange 149	85136-74-9	
C.I. Disperse Yellow 23 Navy blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4)	6250-23-3	C.I. 26 070

Michler's ketone / base	
Name	**CAS number**
Michler's base	101-61-1
Michler's ketone	90-94-8

Polycyclic aromatic hydrocarbons (PAH)	
Name	**CAS number**
Acenaphthene	83-32-9
Acenaphthylene	208-96-8
Anthracene	120-12-7
Benzo[a]anthracene	56-55-3
Benzo[a]pyrene	50-32-8

Polycyclic aromatic hydrocarbons (PAH)	
Name	**CAS number**
Benzo[b]fluoranthene	205-99-2
Benzo[e]pyrene	192-97-2
Benzo[ghi]perylene	191-24-2
Benzo[j]fluoranthene	205-82-3
Benzo[k]fluoranthene	207-08-9
Chrysene	218-01-9
Cyclopenta[c,d]pyrene	27208-37-3
Dibenzo[a,h]anthracene	53-70-3
Dibenzo[a,e]pyrene	192-65-4
Dibenzo[a,h]pyrene	189-64-0
Dibenzo[a,i]pyrene	189-55-9
Dibenzo[a,l]pyrene	191-30-0
Fluoranthene	206-44-0
Fluorene	86-73-7
Indeno[1,2,3-cd]pyrene	193-39-5
1-Methylpyrene	2381-21-7
Naphthalene	91-20-3
Phenanthrene	85-01-8
Pyrene	129-00-0

Chlorinated benzenes and toluenes	
Name	**CAS number**
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(or 1,2,4,5)-Tetrachlorobenzene	84713-12-2
1,2,3,4-Tetrachlorobenzene	634-66-2
1,2,3,5-Tetrachlorobenzene	634-90-2
1,2,4,5-Tetrachlorobenzene	95-94-3
Pentachlorobenzene	608-93-5
Hexachlorobenzene	118-74-1
Chlorotoluenes	
2-Chlorotoluene	95-49-8
3-Chlorotoluene	108-41-8
4-Chlorotoluene	106-43-4
2,3-Dichlorotoluene	32768-54-0
2,4-Dichlorotoluene	95-73-8
2,5-Dichlorotoluene	19398-61-9
2,6-Dichlorotoluene	118-69-4
3,4-Dichlorotoluene	95-75-0
3,5-Dichlorotoluene	25186-47-4
2,3,4-Trichlorotoluene	7359-72-0
2,3,5-Trichlorotoluene	56961-86-5
2,3,6-Trichlorotoluene	2077-46-5
2,4,5-Trichlorotoluene	6639-30-1
2,4,6-Trichlorotoluene	23749-65-7
3,4,5-Trichlorotoluene	21472-86-6
2,3,4,5-Tetrachlorotoluene	1006-32-2,
Tetrachlortoluol	76057-12-0
2,3,4,6-Tetrachlorotoluene	875-40-1
2,3,5,6-Tetrachlorotoluene	1006-31-1, 29733-70-8
Tetrachlortoluol	29733-70-8
2,3,4,5,6-Pentachlorotoluene	877-11-2
Benzotrichloride	98-07-7
Benzyl chloride	100-44-7
α-substituted-Chlorotoluenes	Various
4-Chlorobenzotrichloride	5216-25-1

Forbidden flame retardant substances		
Name	**CAS number**	**Acronym**
Barium diboron tetraoxide	13701-59-2	
1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	BTBPE
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	BBMP
Bis(2,3-dibromopropyl)phosphate	5412-25-9	BIS
Bis(2-ethylhexyl) tetrabromophthalate, any of the individual isomers and and/or combinations thereof	Various	TBPH
Boric acid	10043-35-3, 11113-50-1	
Polybromobiphenyls (Polybrominated biphenyls)	59536-65-1	PBBs
Monobromobiphenyls	various	MonoBBs
Dibromobiphenyls	various	DiBBs
Tribromobiphenyls	various	TriBBs
Tetrabromobiphenyls	various	TetraBBs
Pentabromobiphenyls	various	PentaBBs
Hexabromobiphenyls	various	HexaBBs
Heptabromobiphenyls	various	HeptaBBs
Octabromobiphenyls	various	OctaBBs
Nonabromobiphenyls	various	NonaBBs
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
Diboron trioxide	1303-86-2	
Disodium octaborate	12008-41-2	
Disodium tetraborate	1303-96-4, 1330-43-4,12179-04-3	
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
Tetraboron disodium heptaoxide, hydrate	12267-73-1	
Tetrabromobisphenol A	79-94-7	TBBPA
Tri-o-cresyl phosphate	78-30-8	
Tri(2,3-dibromopropyl)phosphate	126-72-7	TRIS
Tris(1,3-dichloro-iso-propyl)phosphate	13674-87-8	TDCPP
Tris(2-chloroethyl)phosphate	115-96-8	TCEP
Tris(chloropropyl) phosphate	13674-84-5	TCPP
Tris(aziridinyl)phosphinoxide	545-55-1	TEPA
Trixylylphosphate	25155-23-1	TXP
Zinc borate salts	1332-07-6, 12767-90-7	

Solvent residues		
Name	**CAS number**	**Acronym**
N,N-Dimethylacetamide	127-19-5	DMAc
N,N-Dimethylformamide	68-12-2	DMF
Formamide	75-12-7	
1-Methyl-2-pyrrolidone	872-50-4	NMP
N-Ethyl-2-pyrrolidone	2687-91-4	NEP
2-Pyrrolidone	616-45-5	

Surfactant, wetting agent residues, alkyl phenols		
Name	**CAS number**	**Acronym**
4-tert-butylphenol	98-54-4	BP
Pentylphenol	various	PeP
Heptylphenol	various	HpP
Octylphenol	various	OP

Surfactant, wetting agent residues, alkyl phenols		
Name	**CAS number**	**Acronym**
Octylphenolethoxylates	various	OP(EO)
Nonylphenol	various	NP
Nonylphenolethoxylates	various	NP(EO)

PFAS, Per- and polyfluoro alkyl substances		
Name	**CAS number**	**Acronym**
PFOA and salts		
Perfluorooctanoic acid and salts	335-67-1, et. al.	PFOA
PFOA related substances		
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorodecanesulphonic acid and its salts	39108-34-4, et. al.	8:2 FTS
C9-C14 PFCA		
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
Perfluoro(3,7-dimethyloctanoic acid) and salts	172155-07-6, et. al.	PF-3,7-DMOA
Further PFCAs		
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
Perfluoroheptanoic acid and salts	375-85-9, et. al.	PFHpA
C9-C14 PFCAs related substances		
Henicosafluorodecane sulfonic acid and salts	335-77-3, et. al.	PFDS
2H,2H,3H,3H-Perfluoroundecanoic acid and salts	34598-33-9, et. al.	4HPFUnA
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
1H,1H,2H,2H-Perfluordecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorododecyl acrylate	17741-60-5	10:2 FTA
PFOS and related		
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
PFHxA and salts		
Perfluorohexanoic acid and salts	307-24-4, et. al.	PFHxA
PFHxA related substances		
1H,1H,2H,2H-Perfluorooctyl acrylate	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	6:2 FTS
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	6:2 FTOH
PFHxS and salts		
Perfluorohexane sulfonic acid and salts	355-46-4, et. al.	PFHxS
PFHxS related substances		
N-Methylperfluoro-1-hexansulfonamide	68259-15-4	N-Me-FHxSA
Perfluorohexane sulfonamide	41997-13-1	PFHxSA
Partially fluorinated carboxylic / sulfonic acids under observation		
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid , its salts and its acyl halides	13252-13-6, et. al.	HFPO-DA
Further PFAS		
Perfluorobutane sulfonic acid and salts	375-73-5, 59933-66-3, et. al.	PFBS
Perfluoroheptane sulfonic acid and salts	375-92-8, et. al.	PFHpS
1H,1H,2H,2H-Perfluorooctyl acrylate	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	6:2 FTS
7H-Perfluoro heptanoic acid and salts	1546-95-8, et. al.	7HPFHpA
1H,1H,2H,2H-Perfluoro-1-hexanol	2043-47-2	4:2 FTOH

UV stabilizers		
Name	CAS number	Acronym
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol	3846-71-7	UV 320
Bumetrizole	3896-11-5	UV 326
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-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	UV 329
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	UV 350

Chlorinated paraffins		
Name	CAS number	Acronym
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		
Name	CAS number	Acronym
Octamethylcyclotetrasiloxane	556-67-2	D4
Octamethyltrisiloxane	107-51-7	L3
Dodecamethylcyclohexasiloxane	540-97-6	D6
Decamethylcyclopentasiloxane	541-02-6	D5

N-Nitrosamines; N-nitrosatable substances		
Name	CAS number	Acronym
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

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

Cresols	
Name	CAS number
o-Cresol	95-48-7
m-Cresol	108-39-4
p-Cresol	106-44-5

Other VOCs (volatile organic compounds) and glycols	
Name	CAS number
Acetophenone	98-86-2
Benzene	71-43-2
Bis(2-methoxyethyl)ether	111-96-6
1,2-Diethoxyethane	629-14-1
1,4-Dioxane	123-91-1
Cyclohexanone	108-94-1
2-Ethoxyethanol	110-80-5
2-Ethoxyethylacetate	111-15-9
Ethylbenzene	100-41-4
Ethylene glycol dimethyl ether	110-71-4
Methylethylketone	78-93-3
2-Methoxypropanol	1589-47-5
2-Methoxyethanol	109-86-4
2-Methoxyethylacetate	110-49-6
2-Methoxypropylacetate	70657-70-4
2-Phenyl-2-propanole	617-94-7
Styrene	100-42-5
Toluene	108-88-3
1,2,3-Trichloropropane	96-18-4
Triethylene glycol dimethyl ether	112-49-2
Xylene	95-47-6, 108-38-3, 106-42-3, 1330-20-7 (mixture)

Other chemical residues		
Name	CAS number	Acronym
Azodicarbonamide	123-77-3	ADCA
Bis(4-chlorophenyl) sulphone	80-07-9	
Bis-(α,α-dimethylbenzyl)-peroxide	80-43-3	
Dimethylfumarate	624-49-7	DMFu
Diphenyl (2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	
Melamine	108-78-1	
2-Mercaptobenzothiazole	149-30-4	2-MBT
N-(hydroxymethyl)acrylamide	924-42-5	
o-Phenylphenol	90-43-7	OPP
Phenol	108-95-2	
Quinoline (Chinoline / Benzo[b]pyridine)	91-22-5	
Resorcinol	108-46-3	
Tris(2-methoxyethoxy)vinylsilane	1067-53-4	
Triphenyl phosphate	115-86-6	TPP
Tris(4-nonylphenyl, branched and linear)phosphite with 0.1% w/w of 4-nonylphenol, branched and linear	various	TNPP

Other chemical residues under observation	
Name	CAS number
2,4,6-tri-tert-butylphenol	732-26-3
Drometrizole	2440-22-4
2-Butanone oxime	96-29-7

Emission of volatiles	
Name	CAS number
Formaldehyde	50-00-0
4-Phenylcyclohexene	4994-16-5
Toluene	108-88-3
Butadiene	106-99-0
Styrene	100-42-5
Vinylchloride	75-01-4
4-Vinylcyclohexene	100-40-3

Annex 6

For a compilation of individual substances and CAS numbers, please see Annex 7 of this standard document.

Limit values tables
Any value measured in the laboratory (which is measured in mg/kg, µg/kg 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 OEKO-TEX® STANDARD 100 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".

Expanded requirements / limit values and fastness
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 value [1]			
	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyde [mg/kg]				
Free and partially releasable	n.d. [2]	75	150	300
Extractable (heavy) metals [mg/kg] *				
As (Arsenic)	0,2	0,2	0,2	0,2
Ba (Barium)	1000	1000	1000	1000
Cd (Cadmium)	0,1	0,1	0,1	0,1
Co (Cobalt)	1,0	1,0	1,0	1,0
Cr (VI) (Chromium (VI))	0,5	0,5	0,5	0,5
Cr (Chromium)	1,0	1,0	1,0	1,0
Cu (Copper)	25.0 [3]	50.0 [3]	50.0 [3]	50.0 [3]
Hg (Mercury)	0,02	0,02	0,02	0,02
Mn (Manganese)	90,0	90,0	90,0	90,0
Ni (Nickel) [4]	1.0 [5]	1,0	1,0	1,0
Pb (Lead)	0,2	0.2 [6]	0.2 [6]	0.2 [6]
Sb (Antimony)	30,0	30,0	30,0	30,0
Se (Selenium)	100	100	100	100
Zn (Zinc)	750	750	750	750
Heavy metals total content [mg/kg]				
As (Arsenic)	100	100	100	100
Cd (Cadmium)	40,0	40.0 [6]	40.0 [6]	40.0 [6]
Hg (Mercury)	0,5	0,5	0,5	0,5
Pb (Lead) for metallic material	90,0	90.0 [6]	90.0 [6]	90.0 [6]
Pb (Lead) for plastic, coatings etc.	75,0	75.0 [6]	75.0 [6]	75.0 [6]

[1] Exceptions for products which must be treated wet during the further processing: 4.0 - 10.5; for foams: 4.0 - 9.0; for wet wipes: 3.5 to 7.5; for taffeta labels: 4.0 - 9.0; for film material (e.gl polyolefin films) with incorporated calciumbicarbonate/carbonate or talc and wallpaper, without direct skin contact: 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] No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biologically active products
[4] Including the requirement by REACH-Regulation Annex XVII, Entry 27
[5] For metallic accessories and metallized surfaces: 0.5 mg/kg
[6] For accessories made from glass: 0.1 %

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Pesticides [mg/kg]				
Methoxychlor	0,01	0,01	0,01	0,01
Sum	0,5	1,0	1,0	1,0
Glyphosate and salts	5	5	5	5
Pesticides under observation	u.o.			
Chlorinated phenols [mg/kg] *				
Monochlorophenols (MCP), Sum	0,50	1,00	1,00	1,00
Dichlorophenols (DCP), Sum	0,50	1,00	1,00	1,00
Trichlorophenols (TrCP), Sum	0,2	1,00	1,00	1,00
Tetrachlorophenols (TeCP), Sum	0,05	0,25	0,25	0,25
Pentachlorophenol (PCP)	0,05	0,25	0,25	0,25
Plasticizer/Phthalates [mg/kg] *				
each	100	100	100	100
Sum	250	250	250	250
Organic tin compounds [mg/kg] *				
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
Bisphenols [mg/kg]				
Bisphenol A	10	10	10	10
Bisphenol B	1000	1000	1000	1000
Bisphenol AF	1000	1000	1000	1000
Bisphenol F	1000	1000	1000	1000
Bisphenol S	1000	1000	1000	1000
2,2'-Methylene bis(4-methyl-6-tert-butylphenol)	1000	1000	1000	1000
Colourants [mg/kg] *				
Allergens *	20	20	20	20
Carcinogens *	20	20	20	20
Carcinogenic arylamines under observation [7]	u.o.			
Carcinogenic arylamines except aniline; each * [7]	20	20	20	20
Michler's Ketone / Base; each	1000	1000	1000	1000
Navy blue	no intentional use			
Others *	20	20	20	20
Aniline [7]	20	20	20	20
Chlorinated benzenes and toluenes [mg/kg] *				
Sum	1,0	1,0	1,0	1,0
Polycyclic aromatic hydrocarbons (PAH) [mg/kg]				
Benzo[a]anthracene	0,5	1,0	1,0	1,0
Benzo[a]pyrene	0,5	1,0	1,0	1,0
Benzo[b]fluoranthene	0,5	1,0	1,0	1,0
Benzo[e]pyrene	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
Chrysene	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	5,0	10,0	10,0	10,0
Biologically active products				
	no intentional use [8]			
Flame retardant products*				
General	no intentional use 10 mg/kg; each [8 9] Sum of all 50 mg/kg			

[7] May also be present as residues.
[8] With exception of treatments accepted by OEKO-TEX® (see current list on 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.
[9] Accepted flame retardant products do not contain any of the banned flame retardant substances listed in Annex 5 as active agent. Exception: The limit values does not apply for TCPP in PU foams and TCPP in product class IV.

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Solvent residues [mg/kg]				
DMAc [10]	500 1000 [11]	500 1000[11]	500 1000[11]	500 1000[11]
DMF [10]	500 1000[11]	500 1000[11]	500 1000[11]	500 1000[11]
Formamide	200	200	200	200
NMP [10]	500 1000[11]	500 1000[11]	500 1000[11]	500 1000[11]
NEP	1000	1000	1000	1000
2-Pyrrolidone [mg/kg]	1000	1000	1000	1000
Surfactant, wetting agent residues, alkyl phenols [mg/kg] *				
BP, NP, OP, HpP, PeP, NP(EO), OP(EO); Sum	50,0	50,0	50,0	50,0
BP, NP, OP, HpP, PeP; Sum	5,0	5,0	5,0	5,0
PFAS, Per- and polyfluoro alkyl substances[12]*				
PFAS	no intentional use			
PFOA and salts; Sum [µg/kg]	25	25	25	25
PFOA related substances; Sum [µg/kg] [13]	250	250	250	250
C9-C14 PFCA and further PFCAs; Sum [µg/kg]	25	25	25	25
C9-C14 PFCA related substances; Sum [µg/kg] [14]	260	260	260	260
PFOS and related; Sum [µg/m²]	1	1	1	1
PFHxA and salts; Sum [µg/kg] [15]	25	25	25	25
PFHxA related substances; Sum [mg/kg] [15]	1	1	1	1
PFHxS and salts; Sum [µg/kg]	25	25	25	25
PFHxS related substances; Sum [mg/kg] [13]	1	1	1	1
Partially fluorinated carboxylic / sulfonic acids under observation	u.o.			
Futher PFAS; Sum [µg/kg]	250	250	250	250
Fluorine content [mg/kg]				
Total fluorine (TF)	100	100	100	100
UV stabilizers [mg/kg]				
UV 320, UV 326, UV 327, UV329, UV 350; each	100	100	100	100
UV 328	1	1	1	1
Chlorinated paraffins [mg/kg]				
SCCP and MCCP; Sum	50	50	50	50
Siloxanes [mg/kg]				
D4, D5, D6	1000	1000	1000	1000
Octamethyltrisiloxane [mg/kg]	1000	1000	1000	1000
L3	1000	1000	1000	1000
Nitrosamines and nitrosatable substances [mg/kg]				
N-Nitrosamines; each	0,5	0,5	0,5	0,5
N-nitrosatable substances; Sum	5	5	5	5
Chlorinated solvents [mg/kg] *				
Dichloromethane	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-Dichloroethylene	1,0	1,0	1,0	1,0
1,2-Dichloroethylene	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
Trichloroethylene	1,0	1,0	1,0	1,0
Trichloromethane (Chloroform)	1,0	1,0	1,0	1,0

[10] 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 %

[11] For materials made of at least 50% acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramids as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles.

[12] Due to hydrolysis during sample extraction, the following substances are detected indirectly: PFOS-related substances PFOSF and PFOSA detected as PFOS; esters of fluorinated alcohols with acrylic acid detected as their respective partly fluorinated alcohol.

[13] As defined by Regulation (EC) 2019/1021 Annex I Part A.

[14] As defined by Regulation (EC) 1907/2006 Annex XVII No. 68.

[15] As defined by Regulation (EC) 1907/2006 Annex XVII No. 79.

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
1,1,1,2-Tetrachloroethane	1,0	1,0	1,0	1,0
1,1,2,2-Tetrachloroethane	1,0	1,0	1,0	1,0
Tetra(per)chloroethylene	1,0	1,0	1,0	1,0
Tetrachloromethane	1,0	1,0	1,0	1,0
Pentachloroethane	1,0	1,0	1,0	1,0
Chlorinated solvents; Sum	5,0	5,0	5,0	5,0
Cresols [mg/kg]				
o-, m-, p-Cresol; each	10,0	10,0	10,0	10,0
Other VOCs and glycols [mg/kg] [16]*				
Acetophenone	10,0	10,0	10,0	10,0
Benzene	1,0	1,0	1,0	1,0
Bis(2-methoxyethyl)ether	10,0	10,0	10,0	10,0
1,2-Diethoxyethane	10,0	10,0	10,0	10,0
1,4-Dioxane	10,0	10,0	10,0	10,0
Cyclohexanone	10,0	10,0	10,0	10,0
2-Ethoxyethanol	10,0	10,0	10,0	10,0
2-Ethoxyethylacetate	10,0	10,0	10,0	10,0
Ethylbenzene	10,0	10,0	10,0	10,0
Ethylene glycol dimethyl ether	10,0	10,0	10,0	10,0
Methylethylketone	10,0	10,0	10,0	10,0
2-Methoxy-1-propanol	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
2-Phenyl-2-propanole	10,0	10,0	10,0	10,0
Styrene	10,0	10,0	10,0	10,0
Toluene	10,0	10,0	10,0	10,0
1,2,3-Trichloropropane	10,0	10,0	10,0	10,0
Triethylene glycol dimethyl ether	10,0	10,0	10,0	10,0
Xylene	10,0	10,0	10,0	10,0
Other chemical residues [mg/kg]				
Azodicarbonamide (ADCA)	1000	1000	1000	1000
Bis(4-chlorophenyl) sulphone	1000	1000	1000	1000
Bis-(α,α-dimethylbenzyl)-peroxide	1000	1000	1000	1000
Chemical residues under observation	u.o.			
DMFu	0,1	0,1	0,1	0,1
Diphenyl (2,4,6-trimethylbenzoyl)phosphine oxide	1000	1000	1000	1000
Melamine	1000	1000	1000	1000
2-Mercaptobenzothiazole	1000	1000	1000	1000
N-(hydroxymethyl)acrylamide	1000	1000	1000	1000
OPP	10	10	10	10
Phenol	20	50	50	50
Quinoline	50	50	50	50
Resorcinol	1000	1000	1000	1000
TCEP	10	10	10	10
TPP	1000	1000	1000	1000
Tris(2-methoxyethoxy)vinylsilane	1000	1000	1000	1000
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear	1000	1000	1000	1000
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 [17] [18]	4	4	4	4
To saliva and perspiration	fast			

[16] These limits do not apply for non-textile accessories / small parts (e.g. synthetic buttons, lacquered, painted or coated metallic components, etc.)
[17] No requirements for 'wash-out' – articles
[18] For pigment, vat or sulphurous colourants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable

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] [19]				
Aromatic hydrocarbons	0,3	0,3	0,3	0,3
Butadiene	0,002	0,002	0,002	0,002
Formaldehyde	0,1	0,1	0,1	0,1
Organic volatiles	0,5	0,5	0,5	0,5
4-Phenylcyclohexene	0,03	0,03	0,03	0,03
Styrene	0,005	0,005	0,005	0,005
Toluene	0,1	0,1	0,1	0,1
Vinylchloride	0,002	0,002	0,002	0,002
4-Vinylcyclohexene	0,002	0,002	0,002	0,002
Determination of odours				
General	no intentional use [20]			
SNV 195 651 (Modified) [19]	3	3	3	3
Banned fibres				
Asbestos	no intentional use			
Synthetic polymer microplastics in decorative articles [21]	no intentional use			
Releasable synthetic glitter	u.o.			

[19] For textile carpets, mattresses as well as foams and large coated articles not being used for clothing
[20] No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume
[21] as defined by (EC) 1907/2006 Annex XVII Nr. 78

Annex 7

Compilation of the individual substances for Annex 6

Formaldehyde	
Name	CAS number
Formaldehyde	50-00-0

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

Pesticides			
Name	CAS number	Name	CAS number
2,4,5-T	93-76-5	Endosulfan, α-	959-98-8
2,4-D	94-75-7	Endosulfan, β-	33213-65-9
Acetamiprid	135410-20-7, 160430-64-8	Endrin	72-20-8
Aldicarb	116-06-3	Esfenvalerate	66230-04-4
Aldrin	309-00-2	Fenvalerate	51630-58-1
Azinophosethyl	2642-71-9	Heptachlor	76-44-8
Azinophosmethyl	86-50-0	Heptachloroepoxide	1024-57-3, 28044-83-9
Bromophos-ethyl	4824-78-6	Hexachlorobenzene	118-74-1
Captafol	2425-06-1	Hexachlorocyclohexane, α-	319-84-6
Carbaryl	63-25-2	Hexachlorocyclohexane, β-	319-85-7
Carbendazim	10605-21-7	Hexachlorocyclohexane, δ-	319-86-8
Chlorbenzilate	510-15-6	Imidacloprid	105827-78-9, 138261-41-3
Chlordane	57-74-9	Isodrin	465-73-6
Chlordimeform	6164-98-3	Kelevan	4234-79-1
Chlorfenvinphos	470-90-6	Kepone	143-50-0
Chlorothalonil	1897-45-6	Lindane	58-89-9
Clothianidin	210880-92-5	Malathion	121-75-5
Coumaphos	56-72-4	MCPA	94-74-6
Cyfluthrin	68359-37-5	MCPB	94-81-5
Cyhalothrin	91465-08-6	Mecoprop	93-65-2
Cypermethrin	52315-07-8	Metamidophos	10265-92-6
DEF	78-48-8	Methoxychlor	72-43-5 et.al.
Deltamethrin	52918-63-5	Mirex	2385-85-5
DDD	53-19-0, 72-54-8	Monocrotophos	6923-22-4
DDE	3424-82-6, 72-55-9	Nitenpyram	150824-47-8, 120738-89-8
DDT	50-29-3, 789-02-6	Parathion	56-38-2
Diazinon	333-41-5	Parathion-methyl	298-00-0
Dichlorophene	97-23-4	Perthane	72-56-0
Dicofol	115-32-2	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	Silafluofen	105024-66-6
Dinoseb, its salts and acetate	88-85-7 et. al.	Strobane	8001-50-1
Dinotefuran	165252-70-0	Quinalphos	13593-03-8
DTTB	63405-99-2	Telodrin	297-78-9
Endosulfan	115-29-7	Thiacloprid	111988-49-9

Pesticides under observation	
Name	**CAS number**
Atrazine	1912-24-9
Bendiocarb	22781-23-3
Bifenthrin	82657-04-3
Bioresmethrin (Resmethrin)	28434-01-7
Buprofezin	69327-76-0
Captafol	2425-06-1
Carbosulfan	55285-14-8
Chlorfenapyr	122453-73-0
Chlorfluazuron	71422-67-8
Chlorpyrifos-ethyl	2921-88-2
Chlorpyrifos-methyl	5598-13-0
Clethodim	99129-21-2
Cyclanilide	113136-77-9
Diafenthiuron	80060-09-9
Dichlofenthion	97-17-6
Dichlorvos	62-73-7
Diflubenzuron	35367-38-5
Diuron	330-54-1
Empenthrin	54406-48-3
Endosulfansulfate	1031-07-8
Ethion	563-12-2
Fenchlorphos	299-84-3
Fenitrothion	122-14-5
Fenpropathrin	39515-41-8
Fenthion	55-38-9
Fipronil	120068-37-3
Flumethrin	69770-45-2
Lufenuron	103055-07-8
Metam-sodium	137-42-8
Methomyl	16752-77-5
Metolachlor	51218-45-2
Pendimethalin	40487-42-1
Phosmet	732-11-6
Phoxim, Baythion	14816-18-3
Pirimiphos-ethyl	23505-41-1
Pirimiphos-methyl	29232-93-7
Prometryn	83653-07-0
Pymetrozine	123312-89-0
Pyrethrums	8003-34-7
Quintozine	82-68-8
Teflubenzuron	83121-18-0
Tetrachlorvinphos	961-11-5
Thidiazuron	51707-55-2
Thiodicarb	59669-26-0
Tolclofos-methyl	57018-04-9
Transfluthrin	118712-89-3
Trifloxysulfuron-sodium	199119-58-9
Triflumuron	64628-44-0

Glyphosate and salts	
Name	**CAS number**
e.g. Isopropylammonium- salt, potassium salt, ammonium salt	1071-83-6, 38641-94-0, 70901-12-1, 40465-66-5, et.al.

Chlorinated phenols	
Name	**CAS number**
2-Chlorophenol	95-57-8
3-Chlorophenol	108-43-0
4-Chlorophenol	106-48-9
2,3-Dichlorophenol	576-24-9
2,4-Dichlorophenol	120-83-2
2,5-Dichlorophenol	583-78-8
2,6-Dichlorophenol	87-65-0

Pesticides under observation	
Name	CAS number
3,4-Dichlorophenol	95-77-2
3,5-Dichlorophenol	591-35-5
2,3,4-Trichlorophenol	15950-66-0
2,3,5-Trichlorophenol	933-78-8
2,3,6-Trichlorophenol	933-75-5
2,4,5-Trichlorophenol	95-95-4
2,4,6-Trichlorophenol	88-06-2
3,4,5-Trichlorophenol	609-19-8
2,3,4,5-Tetrachlorophenol	4901-51-3
2,3,4,6-Tetrachlorophenol	58-90-2
2,3,5,6-Tetrachlorophenol	935-95-5
Pentachlorophenol	87-86-5

Plasticizer/Phthalates		
Name	CAS number	Acronym
Benzylbutylphthalate	85-68-7	BBP
Dimethylphthalate	131-11-3	DMP
Diethylphthalate	84-66-2	DEP
Dibutylphthalate	84-74-2	DBP
Di-(2-methoxyethyl)phthalate	117-82-8	DMEP
Di-(2-ethylhexyl)phthalate	117-81-7	DEHP
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,	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		
Name	CAS number	Acronym
Monomethyltin	various	MMT
Monobutyltin	various	MBT
Monophenyltin	various	MPhT
Monooctyltin	various	MOT
Dimethyltin	various	DMT
Dipropyltin	various	DPT
Dibutyltin	various	DBTsq
Diphenyltin	various	DPhT
Dioctyltin	various	DOT
Trimethyltin	various	TMT
Tripropyltin	various	TPT
Tributyltin	various	TBT
Triphenyltin	various	TPhT
Trioctyltin	various	TOT
Tricylcohexyltin	various	TCyHT
Tetraethyltin	various	TeET
Tetrabutyltin	various	TeBT
Tetraoctyltin	various	TeOT

Bisphenols		
Name	CAS number	Acronym
Bisphenol A (4,4'-Isopropylidenediphenol)	80-05-7	BPA

Bisphenols		
Name	CAS number	Acronym
Bisphenol B (4,4'-(1-methylpropylidene)bisphenol)	77-40-7	BPB
Bisphenol AF (4,4′-(1,1,1,3,3,3-Hexafluoropropane-2,2-diyl)diphenol)	1478-61-1	BPAF
Bisphenol F (4,4′-Methylenediphenol)	620-92-8	BPF
Bisphenol S (4,4′-Sulfonyldiphenol)	80-09-1	BPS
2,2′-Methylene bis(4-methyl-6-tert-butylphenol)	119-47-1	

Carcinogenic arylamines	
Name	CAS number
4-Aminoazobenzene	60-09-3
o-Aminoazotoluene	97-56-3
2-Amino-4-nitrotoluene	99-55-8
4-Aminobiphenyl	92-67-1
Aniline	62-53-3
o-Anisidine (2-Methoxyaniline)	90-04-0
Benzidine	92-87-5
4-Chloro-o-toluidine	95-69-2
4-Chloro-o-toluidinium chloride	3165-93-3
4-Chloroaniline	106-47-8
p-Cresidine (6-Methoxy-m-toluidine)	120-71-8
2,4-Diaminoanisole	615-05-4
2,4-Diaminoanisole sulphate	39156-41-7
3,3-Diaminobenzidin	91-95-2
2,5-Diaminotoluene, 2-methyl-p-phenylendiamine	95-70-5
4,4'-Diaminodiphenylmethane	101-77-9
3,3'-Dichlorobenzidine	91-94-1
3,3'-Dimethoxybenzidine	119-90-4
3,3'-Dimethylbenzidine	119-93-7
4-Ethoxyaniline, p-phenetidine	156-43-4
4,4'-Methylenedi-o-toluidine	838-88-0
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4
2-Naphthylamine	91-59-8
2-Naphthylammoniumacetate	553-00-4
4,4'-Oxydianiline	101-80-4
4,4'-Thiodianiline	139-65-1
o-Toluidine	95-53-4
2,4-Toluylenediamine	95-80-7
2,4,5-Trimethylaniline	137-17-7
2,4,5-Trimethylaniline hydrochloride	21436-97-5
2,4-Xylidine	95-68-1
2,6-Xylidine	87-62-7

Carcinogenic arylamines under observation	
Name	CAS number
p-Anisidine	104-94-9
2-Amino-5-nitrothiazole	121-66-4
N-Methylaniline	100-61-8

Dyestuffs and pigments classified as carcinogenic		
C.I. Generic Name	CAS number	C.I. Structure number
C.I. Acid Red 26	3761-53-3	C.I. 16 150
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	569-61-9	C.I. 42 500
C.I. Basic Violet 3 (with ≥ 0.1 % Michler's ketone or base)	548-62-9	
C.I. Basic Violet 14	632-99-5	C.I. 42 510
C.I. Direct Black 38	1937-37-7	C.I. 30 235
C.I. Direct Blue 6	2602-46-2	C.I. 22 610
C.I. Direct Blue 15	2429-74-5	
C.I. Direct Brown 95	16071-86-6	
C.I. Direct Red 28	573-58-0	C.I. 22 120
C.I. Disperse Blue 1	2475-45-8	C.I. 64 500

Dyestuffs and pigments classified as carcinogenic		
C.I. Generic Name	**CAS number**	**C.I. Structure number**
C.I. Disperse Orange 11	82-28-0	C.I. 60 700
C.I. Disperse Yellow 3	2832-40-8	C.I. 11 855
C.I. Pigment Red 104 (Lead chromate molybdate sulphate red)	12656-85-8	C.I. 77 605
C.I. Pigment Yellow 34 (Lead sulfochromate yellow)	1344-37-2	C.I. 77 603
C.I. Solvent Blue 4 with ≥ 0.1 % Michler's ketone or base	6786-83-0	
C.I. Solvent Yellow 1 (4-Aminoazobenzene / Aniline Yellow)	60-09-3	C.I. 11100
C.I. Solvent Yellow 3 (o-Aminoazotoluene / o-Aminoazotoluol)	97-56-3	
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with ≥ 0.1 % Michler's ketone or base	561-41-1	

Dyestuffs classified as allergenic		
C.I. Generic Name	**CAS number**	**C.I. Structure number**
C.I. Disperse Blue 1	2475-45-8	C.I. 64 500
C.I. Disperse Blue 3	2475-46-9	C.I. 61 505
C.I. Disperse Blue 7	3179-90-6	C.I. 62 500
C.I. Disperse Blue 26	3860-63-7	C.I. 63 305
C.I. Disperse Blue 35	12222-75-2	
C.I. Disperse Blue 102	12222-97-8, 69766-79-6	
C.I. Disperse Blue 106	12223-01-7, 68516-81-4	
C.I. Disperse Blue 124	61951-51-7, 15141-18-1	
C.I. Disperse Brown 1	23355-64-8	
C.I. Disperse Orange 1	2581-69-3	C.I. 11 080
C.I. Disperse Orange 3	730-40-5	C.I. 11 005
C.I. Disperse Orange 37 (= 59 / = 76)	51811-42-8, 13301-61-6, 12223-33-5	C.I. 11 132
C.I. Disperse Orange 59		C.I. 11 132
C.I. Disperse Orange 76		C.I. 11 132
C.I. Disperse Red 1	2872-52-8	C.I. 11 110
C.I. Disperse Red 11	2872-48-2	C.I. 62 015
C.I. Disperse Red 17	3179-89-3	C.I. 11 210
C.I. Disperse Yellow 1	119-15-3	C.I. 10 345
C.I. Disperse Yellow 3	2832-40-8	C.I. 11 855
C.I. Disperse Yellow 9	6373-73-5	C.I. 10 375
C.I. Disperse Yellow 39	12236-29-3	
C.I. Disperse Yellow 49	6858-49-7	

Other banned dyestuffs		
C.I. Generic Name	**CAS number**	**C.I. Structure number**
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	6250-23-3	C.I. 26 070
C.I. Solvent Yellow 2	60-11-7	
C.I. Solvent Yellow 14 Navy blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4)	842-07-9	
Solvent Yellow 34 / C.I. Basic Yellow 2 (hydrochloride and free base)	2465-27-2, 492-80-8	

Michler's ketone / base	
Name	**CAS number**
Michler's base	101-61-1
Michler's ketone	90-94-8

Chlorinated benzenes and toluenes	
Name	**CAS number**
Chlorobenzenes	
Chlorobenzene	108-90-7
Dichlorobenzenes	25321-22-6

Chlorinated benzenes and toluenes	
Name	**CAS number**
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(or 1,2,4,5)-Tetrachlorobenzene	84713-12-2
1,2,3,4-Tetrachlorobenzene	634-66-2
1,2,3,5-Tetrachlorobenzene	634-90-2
1,2,4,5-Tetrachlorobenzene	95-94-3
Pentachlorobenzene	608-93-5
Hexachlorobenzene	118-74-1
Chlorotoluenes	
2-Chlorotoluene	95-49-8
3-Chlorotoluene	108-41-8
4-Chlorotoluene	106-43-4
2,3-Dichlorotoluene	32768-54-0
2,4-Dichlorotoluene	95-73-8
2,5-Dichlorotoluene	19398-61-9
2,6-Dichlorotoluene	118-69-4
3,4-Dichlorotoluene	95-75-0
3,5-Dichlorotoluene	25186-47-4
2,3,4-Trichlorotoluene	7359-72-0
2,3,5-Trichlorotoluene	56961-86-5
2,3,6-Trichlorotoluene	2077-46-5
2,4,5-Trichlorotoluene	6639-30-1
2,4,6-Trichlorotoluene	23749-65-7
3,4,5-Trichlorotoluene	21472-86-6
2,3,4,5-Tetrachlorotoluene	1006-32-2,76057-12-0
2,3,4,6-Tetrachlorotoluene	875-40-1
2,3,5,6-Tetrachlorotoluene	1006-31-1, 29733-70-8
2,3,4,5,6-Pentachlorotoluene	877-11-2
Benzotrichloride	98-07-7
Benzyl chloride	100-44-7
α-substituted-Chlorotoluenes	Various
4-Chlorobenzotrichloride	5216-25-1

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

Forbidden flame retardant substances		
Name	**CAS number**	**Acronym**
Antimony pentoxide	1314-60-9	Sb2O5
Antimony trioxide	1309-64-4	Sb2O3
Barium diboron tetraoxide	13701-59-2	
1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	BTBPE
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	BBMP
Bis(2,3-dibromopropyl)phosphate	5412-25-9	BIS
Bis(2-ethylhexyl) tetrabromophthalate, any of the individual isomers and	Various	TBPH
Boric acid	10043-35-3, 11113-50-1	
Polybromobiphenyls (Polybrominated biphenyls)	59536-65-1	PBBs
Monobromobiphenyls	various	MonoBBs
Dibromobiphenyls	various	DiBBs
Tribromobiphenyls	various	TriBBs
Tetrabromobiphenyls	various	TetraBBs
Pentabromobiphenyls	various	PentaBBs
Hexabromobiphenyls	various	HexaBBs
Heptabromobiphenyls	various	HeptaBBs
Octabromobiphenyls	various	OctaBBs
Nonabromobiphenyls	various	NonaBBs
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
Diboron trioxide	1303-86-2	
Disodium octaborate	12008-41-2	
Disodium tetraborate	1303-96-4, 1330-43-4, 12179-04-3	
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
Tetraboron disodium heptaoxide, hydrate	12267-73-1	
Tetrabromobisphenol A	79-94-7	TBBPA
Tri-o-cresyl phosphate	78-30-8	
Tri(2,3-dibromopropyl)phosphate	126-72-7	TRIS
Tris(1,3-dichloro-iso-propyl)phosphate	13674-87-8	TDCPP
Tris(2-chloroethyl)phosphate	115-96-8	TCEP
Tris(aziridinyl)phosphinoxide	545-55-1	TEPA
Trixylylphosphate	25155-23-1	TXP
Tris(chloropropyl) phosphate	13674-84-5	TCPP
Zinc borate salts	1332-07-6, 12767-90-7	

Solvent residues		
Name	**CAS number**	**Acronym**
N,N-Dimethylacetamide	127-19-5	DMAc
N,N-Dimethylformamide	68-12-2	DMF
Formamide	75-12-7	
1-Methyl-2-pyrrolidone	872-50-4	NMP
N-Ethyl-2-pyrrolidone	2687-91-4	NEP
2-Pyrrolidone	616-45-5	

Surfactant, wetting agent residues, alkyl phenols		
Name	**CAS number**	**Acronym**
4-tert-butylphenol	98-54-4	BP
Pentylphenol	various	PeP
Heptylphenol	various	HpP

Surfactant, wetting agent residues, alkyl phenols		
Name	**CAS number**	**Acronym**
Octylphenol	various	OP
Octylphenolethoxylates	various	OP(EO)
Nonylphenol	various	NP
Nonylphenolethoxylates	various	NP(EO)

PFAS, Per- and polyfluoro alkyl substances		
Name	**CAS number**	**Acronym**
PFOA and salts		
Perfluorooctanoic acid and salts	335-67-1, et. al.	PFOA
PFOA related substances		
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorodecanesulphonic acid and its salts	39108-34-4, et. al.	8:2 FTS
C9-C14 PFCA		
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
Perfluoro(3,7-dimethyloctanoic acid) and salts	172155-07-6, et. al.	PF-3,7-DMOA
Further PFCAs		
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
Perfluoroheptanoic acid and salts	375-85-9, et. al.	PFHpA
C9-C14 PFCAs related substances		
Henicosafluorodecane sulfonic acid and salts	335-77-3, et. al.	PFDS
2H,2H,3H,3H-Perfluoroundecanoic acid and salts	34598-33-9, et. al.	**4HPFUnA**
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
1H,1H,2H,2H-Perfluordecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorododecyl acrylate	17741-60-5	10:2 FTA
PFOS and related		
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
PFHxA and salts		
Perfluorohexanoic acid and salts	307-24-4, et. al.	**PFHxA**
PFHxA related substances		
1H,1H,2H,2H-Perfluorooctyl acrylate	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	6:2 FTS
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	6:2 FTOH
PFHxS and salts		
Perfluorohexane sulfonic acid and salts	355-46-4, et. al.	PFHxS
PFHxS related substances		
N-Methylperfluoro-1-hexansulfonamide	68259-15-4	N-Me-FHxSA
Perfluorohexane sulfonamide	41997-13-1	PFHxSA
Partially fluorinated carboxylic / sulfonic acids under observation		
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and its acyl halides	13252-13-6, et. al.	HFPO-DA
Further PFAS		
Perfluorobutane sulfonic acid and salts	375-73-5, 59933-66-3, et.al.	PFBS
Perfluoroheptane sulfonic acid and salts	375-92-8, et. al.	**PFHpS**
1H,1H,2H,2H-Perfluorooctyl acrylate	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	6:2 FTS
7H-Perfluoro heptanoic acid and salts	1546-95-8, et. al.	7HPFHpA
1H,1H,2H,2H-Perfluoro-1-hexanol	2043-47-2	4:2 FTOH

UV stabilizers		
Name	CAS number	Acronym
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol	3846-71-7	UV 320
Bumetrizole / Bumetrizol	3896-11-5	UV 326
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-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	UV 329
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	UV 350

Chlorinated paraffins		
Name	CAS number	Acronym
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		
Name	CAS number	Acronym
Octamethylcyclotetrasiloxane	556-67-2	D4
Octamethyltrisiloxane	107-51-7	L3
Decamethylcyclopentasiloxane	541-02-6	D5
Dodecamethylcyclohexasiloxane	540-97-6	D6

N-Nitrosamines; N-nitrosatable substances		
Name	CAS number	Acronym
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

Chlorinated solvents	
Name	CAS number
Dichloromethane	75-09-2
1,1-Dichloroethane	75-34-3
1,2-Dichloroethane	107-06-2
1,1-Dichloroethylene	75-35-4
1,1,1-Trichloroethane	71-55-6
1,1,2-Trichloroethane	79-00-5
Trichloroethylene	79-01-6
Trichloromethane (Chloroform)	67-66-3
1,1,1,2-Tetrachloroethane	630-20-6
1,1,2,2-Tetrachloroethane	79-34-5
Tetra(per)chloroethylene	127-18-4
Tetrachloromethane	56-23-5
Pentachlorethane	76-01-7

Cresols	
Name	CAS number
o-Cresol	95-48-7
m-Cresol	108-39-4
p-Cresol	106-44-5

Other VOCs (volatile organic compounds) and glycols	
Name	**CAS number**
Acetophenone	98-86-2
Benzene	71-43-2
Bis(2-methoxyethyl)ether	111-96-6
1,2-Diethoxyethane	629-14-1
1,4-Dioxane	123-91-1
Cyclohexanone	108-94-1
2-Ethoxyethanol	110-80-5
2-Ethoxyethylacetate	111-15-9
Ethylbenzene	100-41-4
Ethylene glycol dimethyl ether	110-71-4
Methylethylketone	78-93-3
2-Methoxypropanol	1589-47-5
2-Methoxyethanol	109-86-4
2-Methoxyethylacetate	110-49-6
2-Methoxypropylacetate	70657-70-4
2-Phenyl-2-propanole	617-94-7
Styrene	100-42-5
Toluene	108-88-3
1,2,3-Trichloropropane	96-18-4
Triethylene glycol dimethyl ether	112-49-2
Xylene	95-47-6, 108-38-3, 106-42-3, 1330-20-7 (mixture)

Other chemical residues		
Name	**CAS number**	**Acronym**
Azodicarbonamide / Azodicarboxamid	123-77-3	ADCA
Bis(4-chlorophenyl) sulphone	80-07-9	
Bis-(α,α-dimethylbenzyl)-peroxide	80-43-3	
Dimethylfumarate	624-49-7	DMFu
Diphenyl (2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	
Melamine	108-78-1	
2-Mercaptobenzothiazole	149-30-4	2-MBT
N-(hydroxymethyl)acrylamide	924-42-5	
o-Phenylphenol	90-43-7	OPP
Phenol	108-95-2	
Quinoline (Chinoline / Benzo[b]pyridine)	91-22-5	
Resorcinol / Resorcin	108-46-3	
Tris(2-methoxyethoxy)vinylsilane	1067-53-4	
Triphenyl phosphate	115-86-6	TPP
Tris(4-nonylphenyl, branched and linear)phosphite with 0.1% w/w of 4-nonylphenol, branched and linear	various	TNPP

Other chemical residues under observation	
Name	**CAS number**
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	various
2,4,6-tri-tert-butylphenol	732-26-3
Drometrizole	2440-22-4
2-Butanone oxime	96-29-7

Emission of volatiles	
Name	**CAS number**
Formaldehyde	50-00-0
4-Phenylcyclohexene	4994-16-5
Toluene	108-88-3
Butadiene	106-99-0
Styrene	100-42-5
Vinylchloride	75-01-4
4-Vinylcyclohexene	100-40-3

I Annex

Declaration of Conformity

See Declaration of Conformity in STANDARD 100 (www.oeko-tex.com).

II Annex

Terms of Use & Code of Conduct

The OEKO-TEX® Terms of Use (ToU) apply for all OEKO-TEX® products. The ToU can be found under www.oeko-tex.com/ToU. The OEKO-TEX® CoC can be found under www.oeko-tex.com/CoC.

The notice and the acknowledgement of the ToU has to be confirmed from the applicant in the application document.

III Annex

Exclusion criteria

For the On-Site Visits exclusion criteria are defined. They represent the most important criteria for determining suitability for certification with OEKO- TEX® STANDARD 100.

The following exclusion criteria must be fulfilled if a facility is to be eligible for the certification:

- A quality assurance system is installed at the facility
- All materials are clearly and easily identifiable in the production and storage area.
- The products are traceable through the whole process.
- All products which are sold as certified are covered by the corresponding OEKO-TEX® STANDARD 100 certificate.
- There are no violations of the OEKO-TEX® Code of Conduct.