

Eco Mark Product Category No.123 “Building Products (Materials for Interior Work) Version2.18” Certification Criteria

B. Materials for joiner’s work

Category B-1 Paper sliding-door (Shoji), Fusuma door

Japan Environment Association
Eco Mark Office

1. Purpose of Establishing Criteria

Omitted

2. Applicable Scope

- Finished paper sliding-door (Shoji) and finished fusuma door, provided that the door-case and structural grids are of woody materials
- Main structure of paper sliding-door (Shoji) and fusuma door, provided that the door-case and structural grids are of woody materials

Note 1: Paper sliding-doors (Shoji) that have sheet glass or skirting plate are included.

Note 2: Paper for paper sliding-door (Shojigami), paper for fusuma door and fabric sheet for fusuma door are classified into Category G-2 “Sliding-door paper (Shoji), fusuma paper” because they are intended for eventual replacement from the start.

3. Terminology

Omitted

4. Certification Criteria and Certification Procedure

To show conformance to the individual criteria, the Applicant shall submit the respective Attached Certificate forms duly filled in.

In the event re-examination under the present Certification Criteria is sought for a product that is already certified in the Product Category No. 115 “Products Using Thinned-out Wood, Reused Wood, etc. Version 2,” the raw materials certification issued by the raw material supplier which is one of the procedures to show conformance to the applicable criteria 4-1. (1) as well as the certifications procedures (6), (7), and 4-2. (12) may be substituted by filling in necessary items on the Attached Certificate form and declaring further therein that no alterations have been made to the product already certified.

4-1. Environmental Criteria and Certification Procedure

- (1) The wooden part of the Product shall be 100% Reused/Unused Wood. Small diameter logs of less useful wood shall satisfy the requirements on forest

certification defined in Table 1 if corresponding to “a” or “b” in Terminology. In the event the product uses as its raw material construction-derived wood that is defined as lumber from dismantled buildings (wood and woody materials that are generated as waste as a result of building demolition), materials subject to preservatives, termiticides, and pesticides shall have been sorted out and removed. The content of hazardous substances in the Product shall satisfy the requirements with respect to hexavalent chromium and arsenic that are listed in Attached Table 5 of the enforcement regulation of the Soil Contamination Countermeasures Law (Ministerial Ordinance of the Ministry of the Environment No. 29 dated December 26, 2002).

Table 1 Forest Accreditation Requirements

Accreditation standards	That the standard balances the economic, ecological and social interests, adheres to the principles of Agenda 21 and the Declaration of Forest Principle, and observes compliance with pertinent international agreements and treaties.
	That the standard contains secure requirements and is conducive to and oriented toward sustainable forests.
	That the standard is recognized nationally or internationally and is recommended as part of a process open to participation of ecological, economic and social stakeholders.
Accreditation system	That the accreditation system is transparent, maintains extensive credibility nationally or internationally, and is capable of verifying the requirements.
Accreditation organization or body	That the organization is fair and reliable. That it is capable of verifying performance of the requirements, communicating the findings and enforcing effective performance of the requirements

[Certification Procedure]

A certificate on the types of reused/ unused wood and waste plant fiber used in the product and those content rates shall be submitted. In addition, a raw material certificate issued by the raw material supplier shall also be submitted. If there are multiple vendors, a list of the vendors and list of certification of the top 10 vendors in terms of volume of material traded shall be submitted. If using thinned wood as the material, a certificate of origin that includes information on the place of production, type of tree, and year of planting shall be submitted with photographs of the forest concerned (showing clearly that the forest stand has been thinned). The trimming percentage and how many times the forest has been thinned, including the most recent trimming shall also be

indicated if possible.

If using less useful wood, a certificate including the following information shall be submitted. If small diameter logs, which fall into a. or b. of Terminology are used as the material, official documents stating that the forest has been certified as sustainable by a third party shall be submitted.

- Type of forest (natural, artificial, etc.), location, tree species, and in case of artificial forest, the year of forestation
- The reason for lumbering (damage by diseases, insects, animals or natural calamities, being not straight, being a small-diameter wood, etc.) and in case of small-diameter wood the method of management, end diameter, and other information

If using bamboo as the raw material in less useful wood, certificates indicating the following information and photographs/maps of the surroundings of the bamboo grove shall be submitted.

* Type of bamboo, place of production, surrounding conditions, and description that logging is carried out for the purpose of appropriate maintenance and management in environment preservation, as well as management plans and quantity.

If using lumber from dismantled buildings, a certificate (operation manuals, operational flow-chart, etc.) that proves sorting of lumber from dismantled buildings and removing of lumber subject to preservatives, termicides, and pesticides shall be submitted. In addition, the test results prepared by the third party test organization or public body shall be submitted.

- (2) If thinned wood is used as the material, the wood shall be harvested in legally appropriate procedure consistent with the forest laws of timber producing countries or regions.

[Certification Procedure]

A certificate shall be submitted to prove that the timber whose legality has been verified* in accordance with “Guideline for Verification on Legality and Sustainability of Wood and Wood Products” of Forestry Agency has been in custody to be separated by the applicant or the paper manufacturer and is supplied to the applied products. At the same time, the applicant or the paper manufacturer who issues the above certificate shall submit any of the following certificates:

- 1) Certificate that the applicant or the paper manufacturer has been assessed and authenticated by the CoC (Chain of Custody) Certification System;
- 2) Certificate of the authorized company (that guarantees the association member’s adequate way of supplying wood and wood products verified with legality, etc.); and

3) Code of management practice which stipulates the way of custody to manage wood and wood products verified with legality (the method in the case that the timber verified with legality only is handled. The same applies to hereunder), retention of certificates for a predetermined period, etc.

In the event that Item 2) or 3) above is chosen and the certificate is submitted, the applicant who issues the above-mentioned certificates or the material supplier shall publicly announce through its web site the code of management practice prescribed by the association concerned in the case of Item 2) and shall prescribe and publicly announce through its Web site the code of management practice concerning the scheme to assess and guarantee the system for separative management, document management for retention of certificates for a predetermined period, etc. in the case of Item 3).

*Confirm the certificate issued by the related company closest in commercial process, which at least verifies that wood and wood products they supply are with legality and under separative custody management.

- (3) The total mass of any non-woody materials (except for paints, adhesives, printing ink, etc.) that may be added shall be less than 30% of the total mass of the Product. Provided however the total mass of such non-woody materials shall be less than 40% of the total mass of the Product if glass is used in the Product.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria and shall submit data on the mass of the Product and a materials sheet showing identity and mass of the woody and non-woody materials used.

- (4) The Product shall be free of termite control agents, preservatives, or insect repellents.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria.

- (5) The product shall not contain any heavy metals or their compounds listed in Table 2 as prescribed constituents of the paint used.

Table 2 Standards for heavy metals and their compounds

Substance

Cadmium
Mercury
Hexavalent chromium
Lead
Arsenic
Antimony
Tributyl tin
Triphenyltin

[Certification Procedure]

The Applicant shall submit the certificate issued by the paint manufacturer to show that the product does not contain any applicable substances. In the event Eco Mark-certified paints are used, proof of conformance may be substituted by mention of the “brand name” and “certification number” of the certified paint to the application form.

- (6) Products for which wooden materials (engineering wood), adhesives and paints have been used shall satisfy “Standard of emission rate of volatile organic compounds from building products (Study group on voluntary labeling of VOCs emitted from building materials)” regarding emission of Toluene, Xylene, Ethylbenzene or Styrene at the time of product shipment. (Table 3)

Table 3 Standard value of VOC emission rate

Target VOC	Standard value of emission rate (μ g/m ² h)
Toluene	38
Xylene,	29
Ethylbenzene	550
Styrene	32

[Certification Procedure]

Regarding emission of Toluene, Xylene, Ethylbenzene or Styrene, test results followed by JIS A 1901 “Measuring methods for emission of volatile organic chemicals (VOC), formaldehyde and other carbonyl compounds—small chamber method” conducted by a third party testing body or an own company, or indication details of “conformance to 4VOC standard” defined in “Housing part VOC indication guidelines” shall be submitted. In addition, for products for which the target VOC are not added as prescribed components, the test may be exempted if a certificate issued by the manufacturer which proves the said substances have not been added in the product is submitted.

- (7) In the case of Products for which any of the formaldehyde emitting building materials specified by the Building Standards Law have been used, either the Product or the individual woody materials used, the adhesives, and the paints

shall, with respect to the question of formaldehyde emission, conform to the applicable JIS standard, are rated “F four-stars” under the JAS standards, and are outside the scope of regulations set forth by the Minister of Land, Infrastructure and Transport, respectively. Put differently, the Product shall satisfy the numerical criteria of either a) or b) below:

- a) The formaldehyde emission is not more than 0.3 mg/l on average and not more than 0.4 mg/l at maximum, as measured pursuant to JIS A 1460 “Test method for formaldehyde emission of building boards—desiccator method.”
- b) The formaldehyde emission rate is no higher than $5\mu\text{g}/(\text{m}^2\cdot\text{h})$, as measured pursuant to JIS A 1901 “Test method for formaldehyde emission of building materials—small chamber method.”

Provided however the following alternatives c) is also accepted

- c) In the case of adhesives or paints for which JIS or JAS standards exist, the formaldehyde emission rate, as calculated by the use of conversion formula from the results of glass desiccator method measurement set out in the applicable individual standard, is no higher than $5\mu\text{g}/(\text{m}^2\cdot\text{h})$.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria.

In the event the Product used none of the formaldehyde emitting building materials specified by the Building Standards Law and hence is not subjected to formaldehyde regulations, the Applicant shall so state in the Attached Certificate form.

With respect to the Products for which any of the formaldehyde emitting building materials specified by the Building Standards Law are used, the Applicant shall submit a certificate showing that the Product has been rated Class “F four-stars” based on test results according to JIS standard or a document explaining that the product is outside the scope of regulations by the Minister of Land, Infrastructure and Transport.

- (8) The Product shall be accompanied by a manual relating to installation, use, maintenance, disassembly, disposal and recycling that is available for reading by the builder and the building owner.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria. In addition, the Applicant shall submit a sample of a manual relating to installation, use, maintenance, disassembly, disposal and recycling. Regarding a part of the product’s lifecycle from installation to recycling which is not included in the manual, the reason shall be indicated.

- (9) The Product shall be fit for uninterrupted use for a period of at least 20 years.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria.

- (10) The product shall have no flame retardant of Polybrominated biphenyl (PBB), Polybrominated diphenylether (PBDE) or short-chain chlorinated paraffin (the number of chained C is 10 to 13 and contained chloride concentration is 50% or over) added as formulated components.

The product shall not use antimicrobial agents (including fungicides) as far as possible. In the case of use, the product shall be certified by such as the SIAA Mark of Society of Industrial technology for Antimicrobial Articles or Registration system for the use of antimicrobial performance criteria of Japan Construction Material & Housing Equipment Industries Federation.

[Certification Procedure]

Compliance (or lack thereof) with this item shall be indicated in the Attached Certificate.

In the case of using flame retardant, the Applicant shall fill in the names of chemical substances on the Attached Certificate. In the case of using antimicrobial agents, a copy of a certificate etc shall be submitted.

- (11) In manufacturing the applied product, related environmental laws and regulations and pollution control agreement (hereinafter referred to as the “Environmental Laws, etc.”) must be followed with respect to air pollution, water contamination, noise, offensive odor, and emission of hazardous materials in the area where the plant performing the final manufacturing process is located.

In addition, the state of compliance with the Environmental Laws, etc. for the last five years from the date of application (whether there is any violation) must be reported. If there is any violation, it is necessary that proper remedies and preventive measures have been already taken, and the related Environmental Laws, etc. must thereafter be followed appropriately

[Certification Procedure]

With respect to the compliance with the Environmental Laws, etc. in the area where the plant performing the final manufacturing process is located, a certificate issued by the representative of the business of manufacturing the applied product or the manager of the relevant plant (entry or attachment of the list of names of the Environmental Laws, etc.) must be submitted.

In addition, it is necessary to report whether there is any violation during the last five years, including a violation subject to administrative punishment or administrative guidance, and if there is, the following documents in a and b must be submitted:

- a. With respect to the fact of violation, guidance documents from administrative agencies (including order of correction and warning) and copies of written answers (including those reporting causes and results of correction) to such documents (making a series of progress clear);
- b. Following materials (copies of recording documents, and so on) concerning the management system for compliance with the Environmental Laws, etc. in 1)-5):
 - 1) List of the Environmental Laws, etc. related to the area where the plant is located;
 - 2) Implementation system (organizational chart with entry of roles, etc.);
 - 3) Document stipulating retention of recording documents;
 - 4) Recurrence prevention measures (future preventive measures);
 - 5) State of implementation based on recurrence prevention measures (result of checking of the state of compliance, including the result of onsite inspection).

4-2. Quality Criteria and Certification Procedure

- (12) The Product quality shall conform to in-house standards and the like.

[Certification Procedure]

The Applicant shall submit a document showing conformance to the applicable in-house standards or the like.

5. Product Classification, Indication and Others

- (1) Products shall be classified by brand name. Classification by size and color is not performed.
- (2) In principle, Eco Mark shall be indicated on the product. The Eco Mark licensees who own the Eco Mark products shall also be allowed to indicate the description and the certification number as before.



(Note for the indication)

- * For indicating the logo, Eco Mark certification number (eight-digit number) or the name of the licensee using the logo shall be appeared.
- * Such expression as “Eco Mark product” can be used following the 2.(2) of the Guide to Eco Mark Usage.
“Eco Mark product”, “#Eco Mark”, “www.ecomark.jp”, “Eco Mark Certificate”
- * In accordance with “Environmental Labeling Guidelines” of the Ministry of the

Environment of Japan, etc., the environmental claims of certified products may be indicated in association with Eco Mark

(<https://www.env.go.jp/policy/hozen/green/ecolabel/guideline/>).

*The Guide to Eco Mark Usage shall be followed for any cases not listed above.

(<https://www.ecomark.jp/office/guideline/guide/>)

May 5, 2007	Established (Version 2.0)
November 1, 2007	Revised (4-1.(4)(5): Version 2.2)
August 21, 2008	Revised (4-1.(9) Version 2.5)
March 15, 2010	Extension of expiration
March 1, 2011	Revised (5.(2): Version 2.9)
April 1, 2012	Revised (4-1.(5) Attached table: Version 2.10)
June 15, 2012	Revised (4-1.(3)(9): Version 2.12)
March 15, 2016	Extension of expiration
March 1, 2018	Revised (addition of 4-1.(2): Version 2.15)
April 1, 2019	Revised (5-2.)
March 1, 2021	Revised ([C-4]: Version 2.16), Extension of expiration
February 1, 2023	Revised (plastic additives, halogen, antibacterial, Version 2.17)
September 1, 2023	Revised (VOC emission rate, C-2, etc.) Version 2.18)
December 31, 2027	Expiration date

The Certification Criteria for the Product Category will be revised when necessary.

Category B-2 Sliding-door paper (Shojigami), fusuma paper

1. Purpose of Establishing Criteria

Omitted

2. Applicable Scope

- Japan Industrial Standard “Shojigami” JIS S 3102
- Fusuma paper

3. Terminology

Omitted

4. Certification Criteria and Certification Procedure

To show conformance to the individual criteria, the Applicant shall submit the respective Attached Certificate forms duly filled in.

In the event re-examination under the present Certification Criteria is sought for a product that is already certified in the Product Category No.104 “Household Textile Products Version 2” the raw materials certification issued by the raw material supplier which is one of the procedures to show conformance to the applicable criteria 4-1(1) as well as the certification procedures (3) and 4-2.(6) may be substituted by filling in necessary items on the Attached Certificate form and declaring further therein that no alterations have been made to the product already certified. In the event re-examination under the present Certification Criteria is sought for a product that is already certified in the Product Category No. 123 “Building Products Using Recycled Materials” the raw materials certification issued by the raw material supplier which is one of the procedures to show conformance to the applicable criteria 4-1.(1) as well as the certification procedure 4-2.(6) may be substituted by filling in necessary items on the Attached Certificate form and declaring further therein that no alterations have been made to the product already certified.

4-1. Environmental Criteria and Certification Procedure

- (1) The content of used paper pulp or the mass of recycle fiber in the total mass of fiber portion of the Product shall be no less than 50%. In the case of chemically recycled fiber, however, the content of recycled monomer shall be no less than 50% as monomer.

[Certification Procedure]

The Applicant shall fill in the names of recycled materials and their respective contents on the Attached Certificate form and submit it together with the raw materials certifications issued by the respective raw material suppliers.

- (2) If paper (virgin pulp) is used as the material, the pulpwood shall be harvested in legally appropriate procedure consistent with the forest laws of timber producing countries or regions.

[Certification Procedure]

A certificate shall be submitted to prove that the timber whose legality has been verified* in accordance with “Guideline for Verification on Legality and Sustainability of Wood and Wood Products” of Forestry Agency has been in custody to be separated by the applicant or the paper manufacturer and is supplied to the applied products. At the same time, the applicant or the paper manufacturer who issues the above certificate shall submit any of the following certificates:

- 1) Certificate that the applicant or the paper manufacturer has been assessed and authenticated by the CoC (Chain of Custody) Certification System;
- 2) Certificate of the authorized company (that guarantees the association member’s adequate way of supplying wood and wood products verified with legality, etc.); and
- 3) Code of management practice which stipulates the way of custody to manage wood and wood products verified with legality (the method in the case that the timber verified with legality only is handled. The same applies to hereunder), retention of certificates for a predetermined period, etc.

In the event that Item 2) or 3) above is chosen and the certificate is submitted, the applicant who issues the above-mentioned certificates or the material supplier shall publicly announce through its web site the code of management practice prescribed by the association concerned in the case of Item 2) and shall prescribe and publicly announce through its Web site the code of management practice concerning the scheme to assess and guarantee the system for separative management, document management for retention of certificates for a predetermined period, etc. in the case of Item 3).

- (3) The Product shall contain none of the dyestuffs listed in Attached Table 1 as recipe prescribed constituents.

[Certification Procedure]

The Applicant shall state in the Attached Certificate form the conformance (or lack thereof) to this criteria and submit it together with certifications issued by the paper manufacturer or dyeing manufacturer.

- (4) The product shall have no flame retardant of Polybrominated biphenyl (PBB), Polybrominated diphenylether (PBDE) or short-chain chlorinated paraffin (the number of chained C is 10 to 13 and contained chloride concentration is 50% or

over) added as formulated components.

The product shall not use antimicrobial agents as far as possible. In the case of use, the product shall be certified by such as the SEK Mark of Japan Textile Evaluation Technology Council, the SIAA Mark of Society of Industrial technology for Antimicrobial Articles or Registration system for the use of antimicrobial performance criteria of Japan Construction Material & Housing Equipment Industries Federation.

[Certification Procedure]

Compliance (or lack thereof) with this item shall be indicated in the Attached Certificate.

In the case of using flame retardant, the Applicant shall fill in the names of chemical substances on the Attached Certificate. In the case of using antimicrobial agents, a copy of a certificate etc shall be submitted.

- (5) In manufacturing the applied product, related environmental laws and regulations and pollution control agreement (hereinafter referred to as the “Environmental Laws, etc.”) must be followed with respect to air pollution, water contamination, noise, offensive odor, and emission of hazardous materials in the area where the plant performing the final manufacturing process is located. In addition, the state of compliance with the Environmental Laws, etc. for the last five years from the date of application (whether there is any violation) must be reported. If there is any violation, it is necessary that proper remedies and preventive measures have been already taken, and the related Environmental Laws, etc. must thereafter be followed appropriately

[Certification Procedure]

With respect to the compliance with the Environmental Laws, etc. in the area where the plant performing the final manufacturing process is located, a certificate issued by the representative of the business of manufacturing the applied product or the manager of the relevant plant (entry or attachment of the list of names of the Environmental Laws, etc.) must be submitted.

In addition, it is necessary to report whether there is any violation during the last five years, including a violation subject to administrative punishment or administrative guidance, and if there is, the following documents in a and b must be submitted:

- a. With respect to the fact of violation, guidance documents from administrative agencies (including order of correction and warning) and copies of written answers (including those reporting causes and results of correction) to such documents (making a series of progress clear);
- b. Following materials (copies of recording documents, and so on) concerning the management system for compliance with the Environmental Laws, etc. in 1)-5):

- 1) List of the Environmental Laws, etc. related to the area where the plant is located;
- 2) Implementation system (organizational chart with entry of roles, etc.);
- 3) Document stipulating retention of recording documents;
- 4) Recurrence prevention measures (future preventive measures);
- 5) State of implementation based on recurrence prevention measures (result of checking of the state of compliance, including the result of onsite inspection).

4-2. Quality Criteria and Certification Procedure

- (6) The Shojigami (sliding-door paper) shall conform to JIS S 3102.

The quality of fusuma paper shall have been properly managed in accordance with in-house standards and the like.

[Certification Procedure]

The Applicant shall submit a document certifying the test results and other data to show conformance to the applicable JIS standards, in-house standards or the like. In the event the Product or the manufacturing site of the Product has been certified by JIS or the like, submission of a copy of certificate issued by JIS or the like shall suffice for the aforesaid purpose.

5. Product Classification, Indication and Others

- (1) Products shall be classified by each Shojigami and Fusuma paper, and by brand name. Classification by size and color is not performed.
- (2) In principle, Eco Mark shall be indicated on the product. The Eco Mark licensees who own the Eco Mark products shall also be allowed to indicate the description and the certification number as before.



(Note for the indication)

- *For indicating the logo, Eco Mark certification number (eight-digit number) or the name of the licensee using the logo shall be appeared.
- * Such expression as “Eco Mark product” can be used following the 2.(2) of the Guide to Eco Mark Usage.
“Eco Mark product”, “#Eco Mark”, “www.ecomark.jp”, “Eco Mark Certificate”
- * In accordance with “Environmental Labeling Guidelines” of the Ministry of the Environment of Japan, etc., the environmental claims of certified products may be indicated in association with Eco Mark

(<https://www.env.go.jp/policy/hozen/green/ecolabel/guideline/>).

*The Guide to Eco Mark Usage shall be followed for any cases not listed above.

(<https://www.ecomark.jp/office/guideline/guide/>)

May 5, 2007	Established (Version 2.0)
August 21, 2008	Revised (4-1.(3) Version2.5)
May 1, 2009	Revised (2.Terminology):
March 15, 2010	Extension of expiration
March 1, 2011	Revised (5.(2): Version 2.9)
June 15, 2012	Revised (4-1.(3): Version2.12)
March 15, 2016	Extension of expiration
March 1, 2018	Revised (addition of 4-1.(2): Version2.15)
April 1, 2019	Revised (5-2.)
March 1, 2021	Revised ([C-4]: Version 2.16), Extension of expiration
February 1, 2023	Revised (plastic additives, halogen, antibacterial, Version 2.17)
September 1, 2023	Revised (VOC emission rate, C-2, etc.) Version 2.18)
December 31, 2027	Expiration date

The Certification Criteria for the Product Category will be revised when necessary.

Attached Table 1

Dyestuff

Dyestuff listed in the following a, b and c shall not be added as a prescription constituent.

For Textiles other than wool, chromium-based dyestuff shall not be added as prescription constituent.

- a. Azo dyestuff that may decompose and generate the following carcinogenic aromatic amines (one or more following amines are detected at exceeding 30 mg per 1 kg of product by the analysis method prescribed by the collection of testing procedures containing all the Official Test Methods pursuant to Article 35 of the German Food and Consumer Goods Law).

Carcinogenicity rank (A1)		
92-67-1	4-Aminobiphenyl	C1(EU),1(NTP,IARC)
92-87-5	Benzidine	C1(EU),1(NTP,IARC)
95-69-2	4-Chloro-o-toluidine	2A(NTP,IARC)
91-59-8	2-Naphthylamine	C1(EU),1(NTP,IARC)
Carcinogenicity rank (A2)		
97-56-3	o-Aminoazotoluene	C2(EU), 2B(NTP,IARC)
99-55-8	2-Amino-4-nitrotoluene	3(NTP,IARC)
106-47-8	4-Chloroaniline	C2(EU), 2B(NTP,IARC)
615-05-4	2,4-Diaminoanisole	2B(NTP,IARC)
101-77-9	4,4'-Diaminodiphenylmethane	C2(EU), 2B(NTP,IARC)
91-94-1	3,3-Dichlorbenzidine	C2(EU), 2B(NTP,IARC)
119-90-4	o-Dianisidine; 3,3'-Dimethoxybenzidine	C2(EU), 2B(NTP,IARC)
119-93-7	o-Tolidine; 3,3'-Dimethylbenzidine	C2(EU), 2B(NTP,IARC)
838-88-0	4,4'-Diamino-3,3'-dimethyldiphenylmethane	C2(EU), 2B(NTP,IARC)
120-71-8	p-Cresidine	2B(NTP,IARC)
101-14-4	4,4'-Diamino-3,3'-dichlorodiphenylmethane	C2(EU), 2A(NTP,IARC)
101-80-4	4,4'-Diaminodiphenyl ether	2B(NTP,IARC)
139-65-1	4,4'-Diaminodiphenyl sulfide	2B(NTP,IARC)
95-53-4	o-Toluidine	C2(EU), 2B(NTP,IARC)
95-80-7	2,4-Diaminotoluene	C2(EU), 2B(NTP,IARC)
137-17-7	2,4,5-Trimethylaniline	
90-04-0	o-Anisidine	C2(EU), 2B(NTP,IARC)
95-68-1	2,4-Xylidine	3(NTP,IARC)
87-62-7	2,6-Xylidine	2B(NTP,IARC)
60-09-3	4-Aminoazobenzene	C2(EU)

- b. Carcinogenic dyestuff

569-61-9	C.I. BASIC RED 9	CI 42500	C2(EU), 2B(NTP,IARC), Oeko-Tex
2475-45-8	C.I. DISPERSE BLUE 1	CI 64500	C2(EU), 2B(NTP,IARC), Oeko-Tex
3761-53-3	C.I. ACID RED 26	CI 16150	2B(NTP,IARC), Oeko-Tex
6459-94-5	C.I. ACID RED 114	CI 23635	2B(NTP,IARC)
2602-46-2	C.I. DIRECT BLUE 6	CI 22610	C2,R3(EU),2A(NTP,IARC), Oeko-Tex
1937-37-7	C.I. DIRECT BLACK 38	CI 30235	C2,R3(EU), 2A(NTP,IARC), Oeko-Tex
573-58-0	C.I. DIRECT RED 28	CI 22120	C2,R3(EU) , Oeko-Tex
2932-40-8	C.I. DISPERSE YELLOW 3	CI 11855	Oeko-Tex

c. Dyestuff causing skin sensitization

2475-46-9	C.I. DISPERSE BLUE 3	CI 61505	ETAD, Oeko-Tex
12222-75-2	C.I. DISPERSE BLUE 35		ETAD, Oeko-Tex
	C.I. DISPERSE BLUE 106		ETAD, Oeko-Tex
	C.I. DISPERSE BLUE 124		ETAD, Oeko-Tex
2832-40-8	C.I. DISPERSE YELLOW 3	CI 11855	ETAD, Oeko-Tex
730-40-5	C.I. DISPERSE ORANGE 3	CI 11005	ETAD, Oeko-Tex
	C.I. DISPERSE ORANGE 37		ETAD, Oeko-Tex
2872-52-8	C.I. DISPERSE RED 1	CI 11110	ETAD, Oeko-Tex
2475-45-8	C.I. DISPERSE BLUE 1	CI 64500	Oeko-Tex
3179-90-6	C.I. DISPERSE BLUE 7	CI 62500	Oeko-Tex
3860-63-7	C.I. DISPERSE BLUE 26	CI 63305	Oeko-Tex
	C.I. DISPERSE BLUE 102		Oeko-Tex
	C.I. DISPERSE ORANGE 1	CI 11080	Oeko-Tex
	C.I. DISPERSE ORANGE 76		Oeko-Tex
2872-48-2	C.I. DISPERSE RED 11	CI 62015	Oeko-Tex
	C.I. DISPERSE RED 17	CI 11210	Oeko-Tex
119-15-3	C.I. DISPERSE YELLOW 1	CI 10345	Oeko-Tex
	C.I. DISPERSE YELLOW 9	CI 10375	Oeko-Tex
	C.I. DISPERSE YELLOW 39		Oeko-Tex
	C.I. DISPERSE YELLOW 49		Oeko-Tex

Reference: International Agency for Research on Cancer (IARC)
National Toxicology Program (NTP)
EU Directive 76/769/EC
EU Directive 2002/61/EC
Ecological and Toxicological Association of Dyes and
Organic Pigments Manufacturers (ETAD)
Oeko-Tex Standard 100