

Eco Mark Product Category No.101

**“Bags and Suitcases Version1.4”
Certification Criteria
Category E “Other Bags”**

Japan Environment Association
Eco Mark Office

1. Purpose of Establishing Criteria

Omitted.

2. Applicable Scope

Those Fukuromono (handbags, pouches (wallets, coin purses, business card holders, commuter-pass holders, etc.), cigarette cases, fashion bags), Luggage Bags (excluding suitcases), Business Bags, School Bags, Sports and Leisure Bags, Musical Instrument Cases, Optical Apparatus and Radio Cases, Professional Bags and Other Bags pursuant to the Standard Commodity Classification for Japan that are listed in Attached Table 1 and having **70% or more** of their outer surface area (the outer surface area excluding the part covered by any flap and before attaching any handle or other accessories) made of leather, fabric, synthetic leather and artificial leather in total (excluding products belonging to Categories A through D or Category F).

3. Terminology

Omitted.

4. Certification Criteria and Certification Procedure

To show conformance to the individual criteria item, the respective Attached Certificates shall be submitted.

In addition, for a leather material certified by JES label, which is administered by Japan Leather and Leather Goods Industries Association, submission of a copy of a JES label certificate can replace the certification procedures of 4-1. (3) and (8) to (13) below, among appropriate reference items.

4-1. Environmental Criteria and Certification Procedure

4-1-1. Environmental Common Criteria and Certification Procedure

- (1) The product shall score at least ten (10) points in the “Long-life design checklist” shown in Attached Table 2.

[Certification Procedure]

Conformance to this criteria shall be stated in the Attached Certificate. In addition, Attached Table 2 “Long-life design checklist” shall be duly filled in and submitted together with required attachments.

- (2) 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 substances 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 past five years from the date of application (whether there is any violation) must be reported. If there is any violation, proper remedies and preventive measures shall 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 relevant plant manager (entry or attachment of a list of names of the Environmental Laws, etc.) must be submitted.

In addition, the applicants shall report whether there is any violation in the past 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 (clearly indicating a series of communication);

b. Following materials (copies of recording documents, etc.) 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 roles, etc.);
- 3) Bylaws 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).

(3) Every applied product shall conform to the standard values of formaldehyde content shown in Table 1.

Table 1 Standards for formaldehyde content

Substance	Applied product			Test method
	Infant (less than 24 months old)	Adult (skin contact* 2)	Adult (others)	
Formaldehyde	Not detected (16mg/kg max for leather)	75mg/kg max	300mg/kg max	Ministerial Order No.34 of the Ministry of Health and Welfare DIN 17226

* 1... For leather products, "less than 24 months old" shall be "less than 36 months old" for application.

* 2... Products that are likely to come in direct contact with skin

[Certification Procedure]

Test results by an independent organization or an own company shall be submitted with respect to formaldehyde content in the product.

(4) The plastic materials (including resins as fibers in this item) used in the product shall not contain halogens to the polymer backbone as prescribed constituents.

[Certification Procedure]

Addition or not of halogens to the polymer backbone of any plastic materials used in the product shall be mentioned in the Attached Certificate.

- (5) The plastic materials used in the packaging of the product shall not contain halogens to the polymer backbone as prescribed constituents. The packaging of the product refers to one sales unit toward a final consumer.

[Certification Procedure]

Addition or not of halogens to the polymer backbone of any plastic materials used in the packaging of the product shall be mentioned in the Attached Certificate.

- (6) The applicant shall have a system to ensure longtime use of the Eco Mark certified product. More specifically, the following conditions shall be met:

- The product shall be repairable for recovery of its functions (repairs and replacement of the handle, fastener, inner lining, etc.) and shall undertake repairs, if so requested by the user of the applied product, at any time before elapse of five (5) years from the date of termination of the product model. In addition, information on such service shall be made publicly available.
- There shall be a system in place for replacement of buttons and other attachments, provided the applicant is not required to provide such replacement service by itself. In addition, information on such system shall be made publicly available.

[Certification Procedure]

Documents providing below information to users (user manuals, catalogs, etc.) shall be submitted.

- Statement by the applicant that repairs shall be made upon request of the user at any time before elapse of five (5) years from the date of termination of the product mode.
- That there is a system in place for replacement of buttons and other attachments (provided the applicant is not required to provide such replacement service by itself).

- (7) With respect to products that use metal (including plated metal) in their handle, fastener, or shoulder belt, information on the kind of metal used and on allergy to metal shall be given in the user manual, product label or brochure.

[Certification Procedure]

The portion (or a photocopy thereof) of such user manual, etc. showing the above information shall be submitted.

Description example: “The handle of this product uses metallic parts. Metals can cause skin itching, irritation, rash, etc. to some people. Discontinue use immediately when any anomaly appears. (Handle made of titanium)”

4-1-2. Material Criteria and Certification Procedure

Each of the leather, fabric, synthetic leather and artificial leather materials that, when added together in descending order of their respective shares, represent 70% or more of the product outer surface area (the outer surface area excluding the part covered by any flap and before attaching any handle or other accessories) shall conform to the following criteria “A” through “C”:

A. Material leather

- (8) The material leather used in the product shall be hide of cow, pig, sheep, horse or goat and shall be a byproduct of sacrificing for meat

for food.

[Certification Procedure]

The outer surface areas of product total, leather part and non-leather part shall be specified in the attached certificate. With respect to the material leather, a raw material supply certificate issued by the leather manufacturer shall be attached.

- (9) The product shall be free of odor by mold, fish, petroleum, odorant, etc. “Free of odor” as used herein shall mean the result of an odor test pursuant to the 5-scale sensory panel method (German Industrial Standard DIN10995 or Swiss National Standard SNV195651) is Grade 3 or less.

[Certification Procedure]

Test results by an independent organization shall be submitted with respect to the odor from the product or the material leather.

- (10) Every applied product shall conform to the standard values of heavy metal elution from the material leather shown in Table 2.

Table 2 Standards for heavy metal elution

Substance	Applied product		Test method
	Infant (less than 36 months old)	Adult (36 months old or older)	
Lead	0.8mg/kg max	0.8mg/kg max	ISO105E04, IULTCS DC (75), DIN38406 (6/22/29), (reference) 2000/53/EC * 2
Cadmium	0.1mg/kg max	0.1mg/kg max	ISO105E04, IULTCS DC (75), DIN38406 (22/29), (reference) 2000/53/EC * 2
Mercury	0.02mg/kg max	0.02mg/kg max	ISO105E04, IULTCS DC (75), DIN38406 (12/29), (reference) 2000/53/EC * 2
Nickel	1.0mg/kg max	4.0mg/kg max	ISO105E04, IULTCS DC (75), DIN38406 (22/29), (reference) 67/548/EEC * 3
Cobalt	1.0mg/kg max	4.0mg/kg max	ISO105E04, IULTCS DC (75), DIN38406 (22/29), (reference) 67/548/EEC * 3

Hexavalent chromium	Not detectable	Not detectable	DIN54020 DIN53314 IULTCS-IUC18 (reference) 2000/53/EC * 2
Total chromium	50mg/kg max	200mg/kg max	ISO105E04, IULTCS DC (75), DIN38406 (10/22), IULTCS-IUC8

* 1... Directive 2000/53/EC of the European Parliament and of the Council dated September 18, 2000 on End-of-Life Vehicles (ELV)

* 2... Council Directive 67/548/EEC relating to the classification, etc. of dangerous substances

[Certification Procedure]

Test results by an independent organization shall be submitted with respect to heavy metal elution from the material leather.

- (11) Every applied product shall conform to the standard values of pentachlorophenol (PCP) elution from the material leather shown in Table 3.

Table 3 Standards for pentachlorophenol (PCP) elution

Substance	Applied product		Test method
	Infant (less than 36 months old)	Adult (36 months old or older)	
Pentachlorophenol (PCP)	0.05mg/kg max	0.5mg/kg max	DIN EN ISO 17070 IULTCS-IUC25 (reference) 67/548/EEC 76/769/EEC * 4 LMBG82-02-8 * 5

* 3... Council Directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations

* 4... German Foodstuffs and Commodities Act

[Certification Procedure]

Test results by an independent organization shall be submitted with respect to pentachlorophenol elution from the material leather

- (12) None of the dyestuffs listed in Attached Table 3 shall have been added as prescribed constituents to the material leather used in the product.

[Certification Procedure]

A dyeing certificate issued by the leather manufacturer shall be attached with respect to any dyestuffs used for the material leather.

- (13) The color fastness of the material leather used in the product shall conform to the standard values shown in Table 4 with respect to the type of finish and color density of the leather.

Table 4 Standards for dyestuff fastness

	Dry test	Wet test	Test method
Pigment finish leather	Grade 3-4	Grade 2-3	ISO11640
Natural finish pale color	Grade 3-4	Grade 2-3	
Natural finish dark color	Grade 2-3	Grade 2	

[Certification Procedure]

Test results by an independent organization shall be submitted with respect to color fastness of the material leather.

B. Material fabric

- (14) Various treatments of the product (antifungal, fluorescent brightening, softening, hygienic, product bleaching) shall have been kept to the necessary minimum, and full attention shall have been paid to prevent excessive treatment. Use of treatment agents that are suspected of causing concern to human health shall be refrained voluntarily. With respect to wool products, however, conformance to the Ministerial Order No. 34 of the Ministry of Health and Welfare in terms of treatment with dieldrin/DTTB is required in addition to the aforesaid considerations to treatments.

[Certification Procedure]

Certifiers = Applicant and manufacturer

Treatment or not of the product shall be stated in the Attached Certificate. If affirmative, the kinds and amounts of treatment agents shall be described in accordance with the Attached Certificate. With respect to wool products, treatment with dieldrin/DTTB or not shall be stated, and if affirmative, conformance to the Ministerial Order No.34 of the Ministry of Health and Welfare shall be described.

- (15) Regarding color materials used in the product, none of the dyestuffs listed in Attached Table 4 shall have been added as prescribed constituents. For fibers other than wool, none of chromium dyestuffs shall have been added as prescribed constituents.

[Certification Procedure]

Certifier = manufacturer

The applicant shall submit a certificate issued by the General Manager of the dyeing plant.

C. Material synthetic leather or artificial leather

- (16) The product shall not be used of any of the five specified CFCs listed in the Attached Table 5, other CFCs, carbon tetrachloride, trichloroethane, or CFC substitutes (HCFC).

[Certification Procedure]

The final manufacturing plant shall submit a certificate to show that no substances on the above have been used.

- (17) Plastic additives to be used for products including plasticizer, coloring agent, stabilizer, slip additives, etc. shall follow the positive lists specified by industry's own standard. In case there is no standard for the relevant industry, you shall follow the similar industry's own standard.

In case of using the plastic additives which are not listed in the positive lists for the products, the plastic additives can meet the requirements of harmful substances described in ISO 8124-3 (Corresponding standard: 88/378/EECEN71 - 3).

[Certification Procedure]

The manufacturer shall submit a certificate to show that plastic additives to be used for products including plasticizer, coloring agent, stabilizer, slip additives, etc. follow the positive lists. For plastic additives which are not listed in the positive lists for the products, test results to show that the plastic additives meet the requirements of harmful substances described in ISO 8124-3 (Corresponding standard: 88/378/EECEN71 - 3) shall be submitted.

- (18) The product shall not contain Cd, Pb, Cr6+, Hg and their compounds as prescribed constituents.

[Certification Procedure]

The applicant shall submit a certificate to show that no applied chemical substances have been added to the product as prescribed constituents.

- (19) The products shall not be added the substances classified as Groups 1, 2A and 2B by IARC (International Agency for Research on Cancer) as prescribed constituents. However, it excludes the chemical substances to use for the purpose of making polymers by polymerization reaction (ex; polyvinyl monomer, styrene, etc.).

[Certification Procedure]

The applicant shall indicate in the Attached Certificate whether the product is applicable or not to this item. If applicable, the certificate to show that no chemical substances listed in each item have been added as prescribed constituents.

4-2. Quality Criteria and Certification Procedure

- (20) The product quality shall conform to the applicable voluntary standards and the like of the industry.

[Certification Procedure]

A certificate showing conformance with the applicable quality standards shall be submitted. In addition, a certificate issued by the General Manager of the plant in which the product was produced shall be submitted, stating that full quality control was made in the production process and no violations have been committed.

5. Product Classification, Indication and Others

Omitted.

August 27, 2007	Established (Version 1.0)
August 21, 2008	Revised 4-1(8) (Version 1.1)
April 28, 2009	Revised (Version 1.2)
April 20, 2010	Revised (Version 1.3)
March 1, 2011	Revised (Version 1.4)
August 31, 2017	Validity Period

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

Attached table 1 Object products list

Category	Products by category (Japan Standard Commodity Classification number)
Bags(pouches)	
Handbags *1	Glass handbags (79515) *20
	Metal handbags (79516)
	Other handbags (79519)
Pouches *2	Other pouches (79529)
Cigarette cases	Cigarette cases (8132)
Fashion bags *3	Glass beads fashion bags (79545)
	Other fashion bags (79549) *21
Other bags(pouches)	Other bags(pouches) (7959)
Luggage bags	
Suitcases *4	Metal suitcases (796122)
	Other suitcases (796129)
Boston bags *5	Other Boston bags (796139) *5
Train cases*21	Plastic train cases (796143) *22
Shoulder bags *6	Other shoulder bags (796159) *23
Town bags *7	Other town bags (796169)
Business bags	
Brief cases *8	Other brief cases (796219)
Portfolios *9	Other portfolios (796229)
System cases	Other system cases (796249)
Men's bags	Other men's bags (796259)
Other business cases	Other business cases (79629)
School bags	
School holding bags *10	Other school holding bags (796319)
School shoulder bags	Other school shoulder bags (796329)
Child school bags	Other child school bags (796339)
Child bags	Other child bags (796349)
Child shoe bags	Other child shoe bags (796359)
Sports and leisure bags and cases	
Caddie bags *11	Other caddie bags (796419)
Bowling bags and cases	Other bowling bags and cases (796422)
Ski cases and bags *12	Other ski cases and bags (796432)
Racket cases and bags *13	Other racket cases and bags (796449)
Rucksacks *14	Other rucksacks (796459)
Fishing bags *15	Other fishing bags (796469)
Ice bags	Other ice bags (796479)
Gun cases *16	Other gun cases (7964919)
Other sports and leisure bags and cases	Other sports and leisure bags and cases, not belong to any of above categories (796499)

Category	Products by category (Japan Standard Commodity Classification number)
Musical instrument cases	
Wind instrument cases	Other wind instrument cases (796519)
Stringed instrument cases	Other stringed instrument cases (796529)
Percussion instrument cases	Other percussion instrument cases (796539)
Musical note cases	Other musical note cases (796549)
Optical machines and radio cases	
Gadget bags *17	Other gadget bags (796619)
Binocular cases *18	Other binocular cases (796629)
Table electronic calculator and tape recorder cases	Other table electronic calculator and tape recorder cases (796639)
Radio cases	Other radio cases (796649)
Cases and bags for professional	
Hand tool cases *19	Metal hand tool cases (796712)
	Other hand tool cases (796719)
Doctor bags	Other doctor bags (796729)
Drawing bags	Other drawing gags (796739)
Conductor bags	Other conductor bags (796749)
Other bags	
Basket	Other baskets (796919)
Jewel boxes	Other jewel boxes (796929)
Necktie cases	Other necktie cases (796939)
Key cases	Other key cases (796949)
Hat cases	Other hat cases (796959)
Other bags, not belong to any of above categories	Other bags, not belong to any of above categories (79699)

- *1 Including shoulder bags, clutch bags and pochettes
- *2 Wallets, coin purses, business card holders, commuter-pass holders, etc.
- *3 Including footlockers and cabin trunks
- *4 Including golf bags
- *5 Including air bags
- *6 Including tote bags, casual bags, beach-bags, miniature bags and vanity bags
- *7 Including Dulles cases, elegant cases, Mitch cases
- *8 Including handy cases, speed cases and pull-tab portfolios
- *9 Including two-handle bags
- *10 Including golf club head covers
- *11 Including skate bags
- *12 Including bat cases and ball bags
- *13 Including knapsacks, bonsacks and hunting backpacks
- *14 Including fishing rod cases
- *15 Including hunting cases
- *16 Including camera cases
- *17 Including microscope cases and telescope cases
- *18 Including parts cases
- *19 Including vanity cases
- *20 Including synthetic pearls and glass beads handbags
- *21 Excluding paper shopping bags
- *22 Including vanity cases
- *23 Including air bags

Attached table 2 Long-life design checklist

Type name

Corporate seal

101V1CriteriaE

Concept of checking requirements refers to B-1 “explanation”

Category	No.	Requirements	Subject	Fulfillment	Acquired point	Supporting data	Aim
Structure and sewing	1	Finishing sewing of body is double-stitched.	Body	Yes / No	1	None	Loose threads prevention
	2	High stress areas are reinforced by double-stitching, bar-tack (bar-like reinforcing sewing), backstitching in plain stitch, tacking and riveting, etc.	Handles, bases of shoulder straps, pockets	Yes / No	1	Describe reinforcement details in this document. ()	Loose threads prevention
	3	The cut surface of cloth in suture area is sewed with no cutting face coming to the surface, or protected against ravel through such measures as hemming and piping.	Sutured area of body	Yes / No	1	Describe measures details in this document. ()	Loose threads prevention
	4	Fixed lining area is reinforced.	Fixed lining area of body	Yes / No	1	Describe measures details in this document. ()	Loose threads prevention
	5	The design presupposes zipper replacement (re-installment of zipper).	Opening zipper area of body	Yes / No	1	None	Repair easiness
	6	For easy to wear out area, stronger cloth is used than other, and reinforcements are applied, etc.	Body (corners), handles	Yes / No	1	Describe measures details in this document. ()	Promotion of long-term use
	7	Manufacturers (including product planners) carried out field tests for application products from planning stage to find defects, if any, took some measures against.	Whole product	Yes / No	1	None	Promotion of long-term use
	8	Manufacturers (including product planners) carried out durability tests for application products, under the severe conditions such as high-temperature and humidity.	Whole product	Yes / No	1	None	Promotion of long-term use
	9	Sewing was conducted using appropriate seam pitches (spaces), according to cloth material, so as not to break the cloth.	Whole product	Yes / No	1	None	Promotion of long-term use
Material choice	10	Recycling fiber or recycled plastic for [x]% and more of outer material.	Whole product(outer material)	X ≥ 50	3	Textile material list (Form 101-9) and raw material supply certificate(Form 101-5)	Environmental load reduction
				X ≥ 40	2		
				X ≥ 20	1		
11	Zipper meets the strength standards of JIS S3015.	Zipper	Yes / No	1	Test results showing that the zipper meets JIS standards (a copy of JIS authorized factory certificate is acceptable).	Promotion of long-term use	
12	Zipper slider can be replaced.	Zipper	Yes / No	1	None	Repair easiness	

	13	Nylon yarn and thick thread (No. 20 and above) are used for sewing.	Whole product(main part)	Yes / No	1	None	Promotion of long-term use
	14	Cloth is made of thick warp and weft, or high-intensity yarns such as hard-twist nylon yarn and aramid fiber nylon (ballistic nylon).	Whole product(main part)	Yes / No	1	Describe chosen materials in this document. ()	Promotion of long-term use
	15	Cloth reaches at a level of the 3rd grade and greater in dry and wet of rubbing and color fastness, under JIS L0849.	Whole product(main part)	Yes / No	1	Test results based on JIS L0849 (copies are acceptable).	Promotion of long-term use
	16	Rubbing proof material (iron and others) is applied to where metal fittings are in friction.	Fixed hooks of shoulder straps, etc	Yes / No	1	Describe chosen materials in this document. ()	Promotion of long-term use
Long-term use	17	1 year and longer (6 year and longer for child school bags) of long-term guarantee system is offered. Provided the long-term guarantee system shall clear up the commencement date and period of guarantee, and guaranteed conditions (guarantee coverage, claimable items (including compensation claims)).	Whole product	Yes / No	3	Information describing the outline of long-term guarantee system of products (warranty letter, etc.).	Promotion of long-term use
Total						Points ⇒ Judgment:	Adequate/Inadequate

***10 points and more is judged as adequate.**

Attached Table 3

List of Dyes Prohibited to Use (Leather)

(1) Azo Dyes which may Generate the Following Carcinogenic Amines in Degradation

(Products detected with over 30 mg/product kg of more than one of the following amines using analysis methods prescribed in the List of Public Test Methods based on Article 35 of the German Food and Sundries Law)

Carcinogenicity Rank (A1)		
92-67-1	4-aminobiphenyl	C1 (EU), 1(NTP, IARC)
92-87-5	Benzedrine	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'-diaminodiphenylether	2B(NTP, IARC)
139-65-1	4,4'-diaminodiphenylsulfide	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	4amino-azo-benzen	C2 (EU)

(2) Carcinogenic Dyes

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		C2, R3 (EU), 2A(NTP, IARC), Oeko-Tex (CI 22610)
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

(3) Skin Sensitizing Dyes

2475-46-9	C.I. DISPERSE BLUE 3	CI 61505	ETAD, Oeko-Tex
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1222-75-2	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

Source: 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 the Dyes and
Organic Pigments Manufacturers (ETAD)
Oeko-Tex STANDARD 100

Attached Table 4

List of Dyes Prohibited to Use (Fabric)

(1) Azo Dyes which may Generate the Following Carcinogenic Amines in Degradation

(Products detected with over 30 mg/product kg of more than one of the following amines using analysis methods prescribed in the List of Public Test Methods based on Article 35 of the German Food and Sundries Law)

Carcinogenicity Rank (A1)		
92-67-1	4-aminobiphenyl	C1 (EU), 1(NTP, IARC)
92-87-5	Benzedrine	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-dichlorobenzidine	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'-diaminodiphenylether	2B(NTP, IARC)
139-65-1	4,4'-diaminodiphenylsulfide	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)
60-90-3	4amino-azo-benzen	C2 (EU)

(2) Carcinogenic Dyes

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		C2, R3 (EU), 2A(NTP, IARC), Oeko-Tex (CI 22610)
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

(3) Skin Sensitizing Dyes

2475-46-9	C.I. DISPERSE BLUE 3	CI 61505	ETAD, Oeko-Tex
1222-75-2	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

Source: 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 the Dyes and
Organic Pigments Manufacturers (ETAD)
Oeko-Tex STANDARD 100

Attached Table 5

CFC5s	Trichlorofluoromethane
	Dichlorodifluoromethane
	Trichlorotrifluoroethane
	Dichlorotetrafluoroethane
	Chloropentafluoroethane
Other CFCs	Chlorotrifluoromethane
	Pentachlorofluoromethane
	Tetrachlorodifluoroethane
	Heptachlorofluoropropane
	Hexachlorodifluoropropane
	Pentachlorotrifluoropropane
	Tetrachlorotetrafluoropropane
	Trichloropentafluoropropane
	Dichlorohexafluoropropane
	Chloroheptafluoropropane
	Carbon Tetrachloride
	1,1,1-Trichloroethane
HCFCs	Dichlorofluoromethane
	Chlorodifluoromethane
	Chlorofluoroethane
	Tetrachlorofluoroethane
	Trichlorodifluoroethane
	Dichlorotrifluoroethane
	Chlorotetrafluoroethane
	Trichlorofluoroethane
	Dichlorodifluoroethane
	Chlorotrifluoroethane
	Dichlorofluoroethane
	Chlorodifluoroethane
	Chlorofluoroethane
	Hexachlorofluoropropane
	Pentachlorodifluoropropane
	Tetrachlorotrifluoropropane
	Trichlorotetrafluoropropane
	Dichloropentafluoropropane
	Chlorohexafluoropropane
	Pentachlorofluoropropane
	Tetrachlorodifluoropropane
	Trichlorotrifluoropropane
	Dichlorotetrafluoropropane
	Chloropentafluoropropane
	Tetrachlorofluoropropane
	Trichlorodifluoropropane
	Dichlorotrifluoropropane
	Chlorotetrafluoropropane
	Trichlorofluoropropane
	Dichlorodifluoropropane
	Chlorotrifluoropropane
	Dichlorofluoropropane
	Chlorodifluoropropane
Chlorofluoropropane	