

Eco Mark Product Category No.101

**“Bags and Suitcases Version1.9”
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 Attachment 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 Attachment 2.

[Certification Procedure]

Compliance with this item shall be indicated in the attached certificate. In addition, Attachment 2 “Long-life design checklist” shall be duly filled in and submitted together with required attachments.

- (2) In manufacturing the applying 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 manufacturer of the applying 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	MHLW Ministerial Ordinance No. 34 IUC19 JIS L1041 ISO17226-1,2

* 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 indicated in the Attached Certificate.

- (5) The plastic materials used in the packaging of the product shall not contain halogens to the polymer backbone as prescription 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 indicated 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. 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.
- Statement that there is a system in place for replacement of buttons and other attachments (replacement service is not included).

- (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 a third party test institute or an own company 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	IUC27-1 ISO17072-1
Cadmium	0.1mg/kg max	0.1mg/kg max	IUC27-1 ISO17072-1
Mercury	0.02mg/kg max	0.02mg/kg max	IUC27-1 ISO17072-1
Nickel	1.0mg/kg max	4.0mg/kg max	IUC27-1 ISO17072-1
Cobalt	1.0mg/kg max	4.0mg/kg max	IUC27-1 ISO17072-1
Hexavalent chromium	Not detectable	Not detectable	IUC18 ISO17070
Total chromium	50mg/kg max	200mg/kg max	IUC27-1 ISO17072-1

[Certification Procedure]

Test results by a third party test institute or an own company shall be submitted with respect to heavy metal elution from the material leather. In addition, if leather materials are different only in colors although they have been processed in a same manner (in a same process and with a same chemical), lead, cadmium, cobalt, and chrome that are associated with color materials shall be tested for each color. If embossing or pleat processing have been made, they shall be tested for each process.

- (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	IULTCS-IUC25

[Certification Procedure]

Test results by a third party test institute or an own company shall be submitted with respect to pentachlorophenol elution from the material leather

- (12) For leather materials used in the products, elusion of carcinogenic aromatic amines that are generated from decomposed Azo dyestuff prescribed in Attachment 3(1) shall conform to the standard values in Table 4. In addition, carcinogenic dyestuffs prescribed in Attachment 3(2) shall not be added as prescription constituent

Table 4 Elution standard of carcinogenic aromatic amines

Substance name	Standard value	Test method
carcinogenic aromatic amines	Not detected	ISO17234-1 ISO17234-2

[Certification Procedure]

With respect to elusion of carcinogenic aromatic amines from leather material, test results by a third-party test institute shall be submitted. In addition, the certificate that no carcinogenic dyestuff is added to the leather material as a prescription constituent issued by tanners shall be submitted.

- (13) The color fastness of the material leather used in the product shall conform to the standard values shown in Table 5 with respect to the type of finish and color density of the leather.

Table 5 Standards for dyestuff fastness

	Dry test	Wet test	Test method
Pigment finish leather	Grade 3-4	Grade 2-3	ISO11640/ IUF450
Natural finish pale color	Grade 3-4	Grade 2-3	
Natural finish dark color	Grade 2-3	Grade 2	

[Certification Procedure]

Test results by a third-party test institute or an own company with respect to color fastness of leather material shall be submitted. In addition, if leather materials are different only in colors although they have been processed in the same manner (in the same process and with the same chemical), they shall be tested for each color.

B. Material fabric

(14) Adequate considerations shall be given so that various processing of products (mildew proofing, fluorescent whitening, flame retarding, softening, sanitation, antimicrobial finishing, product bleaching) is limited to a minimum and products will not be subjected to excessive processing. Also, the use of any processing agent that is suspected to affect safety to human body should be refrained voluntarily. Also, standard values in Table 6 shall be met.

In the case of using antibacterial agents, the product shall be certified by such as the SEK Mark of Japan Textile Evaluation Technology Council, etc.

Table 6. Standard value for processing agents of fiber material

Name	Criteria	Test Method	Concerned Products
Organic mercury compound Triphenyltin compound Tributyltin compound	Shall not be detected	MHW Ordinance No. 34	Products using fungicide
Dieldrin DTTB	30 ppm or less	MHW Ordinance No. 34 OekoTex	Products using wool products or mothproofing agents
APO TDBPP Bis (2,3-dibromopropyl) phosphate compound	Shall not be detected	MHW Ordinance No. 34	Products using fire retardant agents
PFOS PFOA	1µg/m2 or less 1µg/m2 or less	CEN/TS15968:2010 ISO25101 OekoTex	Products using fluorine system water repellent agents, oil repellent agents or soil-release finishing agents
DEHP/ DBP/ BBP/ DNOP/ DINP/ DIDP	0.1wt% or less	EN15777:2009 MHL notification No. 370 OekoTex	Printed products for small babies

[Certification Procedure]

Compliance with this item shall be indicated in the attached certificate. In addition, the applicant or the manufacturer shall submit a certificate indicating the processing or non-processing of the product. If a type of processing or chemical agent that is being considered is made or used, a safety data sheet which confirms the non-use of the substance in Table 6, or a certified document of the test results, etc. shall be submitted. In the case of using antimicrobial agents, documents certifying SEK of Japan Textile Evaluation Technology Council, etc. shall be submitted.

- (15) For a dye and pigment to be used in the product, dyes and pigments and chrome defined in 1), 2), and 3) of Attachment 4 shall not be added as a prescription constituent.

[Certification Procedure]

Compliance with this item shall be indicated in the attached certificate. A certificate of non-use or test results issued by the dye plant (including spin-dyeing and printing) shall be submitted. If the non-use of dyes, pigment and chromate stipulated in 1), 2) and 3) of Attachment 1 at each phase of the supply chain in relation to fiber materials excluding small accessories is confirmed by complying with voluntary standards (Japan Textile Federation), regarding the non-use of hazardous substances on fiber products and management is implemented by clarifying traceability, a certificate (including a sample of the confirmed documents), which describes the management method issued by the applicant or the manufacturer is acceptable.

C. Material synthetic leather or artificial leather

- (16) The product shall not be used of any of the five specified CFCs listed in the Attachment 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 Cadmium (Cd), Lead (Pb), Hexavalent chromium (Cr6+), Mercury (Hg) and their compounds as prescribed constituents for plastic materials

[Certification Procedure]

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

- (1) Product classification (application unit) shall be made by applicable product listed in the attachment 1, and by each brand name. The product is not classified by its size or color.
- (2) In principle, Eco Mark shall be indicated on the product. The environmental information indicated shall be enclosed in a rectangular box, and either 「長期使用設計」 or 「ロングライフデザイン」 (“Long life design”) shall be indicated by the selection of the applicant. The mark and the certification information (B type or C type indication) shall be conducted in accordance with the "Guidelines for Eco-Mark Use". In addition, the display position and contents shall be submitted when applying for Eco Mark certification and its use.

Samples: 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)
November 1, 2011	Revised (Version 1.5)
July 13, 2012	Revised (Version 1.6)
April 1, 2016	Revised (Version 1.7), extension of expiration

April 1, 2017
September 1, 2017
August 31, 2022

Revised (Version1.8),
Revised (Version1.9),
Expiration Date

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

Attachment 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

Attachment 2 Long-life design checklist

Type name

Corporate seal

101V1CriteriaE

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

Name of applicant

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)	$X \geq 50$	3	Textile material list (Form 101-9) and raw material supply certificate (Form 101-5)	Environmental load reduction
				$X \geq 40$	2		
				$X \geq 20$	1		
11	Plant-based synthetic fiber or plant-based plastic (PE, PET, PLA, PTT) for [x]% and more of outer material, biobased synthetic polymer for [y]% in [x]	Whole product(outer cloth)	$X \geq 25$ And $Y \geq 10$	3	Certificate of product mass ratio (Form101-18C) and raw material certificate Form101-8, Checklist of Traceability of Plant-based Plastic (Raw Resin) Form 101-9	Environmental load reduction	
12	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	Promotion of long-term use	

					acceptable).		
	13	Zipper slider can be replaced.	Zipper	Yes / No	1	None	Repair easiness
	14	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
	15	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
	16	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
	17	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	18	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.**

Attachment 3**List of Dyes Prohibited to Use (Leather)****[1] Carcinogenic aromatic amines.**

CAS No	Name
92-67-1	4-Aminobiphenyl
92-87-5	Benzidine
95-69-2	4-Chloro-o-toluidine
91-59-8	2-Naphthylamine
97-56-3	o-Aminoazotoluene
99-55-8	2-Amino-4-nitrotoluene
106-47-8	4-Chloroaniline
615-05-4	2,4-Diaminoanisole
101-77-9	4,4'-Diaminodiphenylmethane
91-94-1	3,3-Dichlorbenzidine
119-90-4	o-Dianisidine; 3,3'-Dimethoxybenzidine
119-93-7	o-Tolidine; 3,3'-Dimethylbenzidine
838-88-0	4,4'-Diamino-3,3'-dimethyldiphenylmethane
120-71-8	p-Cresidine
101-14-4	4,4'-Diamino-3,3'-dichlorodiphenylmethane
101-80-4	4,4'-Diaminodiphenyl ether
139-65-1	4,4'-Diaminodiphenyl sulfide
95-53-4	o-Toluidine
95-80-7	2,4-Diaminotoluene
137-17-7	2,4,5-Trimethylaniline
90-04-0	o-Anisidine
95-68-1	2,4-Xylidine
87-62-7	2,6-Xylidine
60-09-3	4-Aminoazobenzene

[2] 5 kinds of Carcinogenic Dyes

CAS No	CI
569-61-9	C.I. BASIC RED 9
3761-53-3	C.I. ACID RED 26
6459-94-5	C.I. ACID RED 114
2602-46-2	C.I. DIRECT BLUE 6
1937-37-7	C.I. DIRECT BLACK 38

Attachment 4

List of Dyes Prohibited to Use (Fabric)

(1) (1) Azo Dyes which may generate the following carcinogenic amines in degradation (Dyes whose detection value of the following aromatic amine exceed 30mg/kg according to JIS L 1940-1 and JIS L 1940-3 (ISO24362-1, ISO24362-3, or EN 14362-1, EN14362-2))

CAS No	Name
92-67-1	4-Aminobiphenyl
92-87-5	Benzidine
95-69-2	4-Chloro-o-toluidine
91-59-8	2-Naphthylamine
97-56-3	o-Aminoazotoluene
99-55-8	2-Amino-4-nitrotoluene
106-47-8	4-Chloroaniline
615-05-4	2,4-Diaminoanisole
101-77-9	4,4'-Diaminodiphenylmethane
91-94-1	3,3-Dichlorbenzidine
119-90-4	o-Dianisidine; 3,3'-Dimethoxybenzidine
119-93-7	o-Tolidine; 3,3'-Dimethylbenzidine
838-88-0	4,4'-Diamino-3,3'-dimethyldiphenylmethane
120-71-8	p-Cresidine
101-14-4	4,4'-Diamino-3,3'-dichlorodiphenylmethane
101-80-4	4,4'-Diaminodiphenyl ether
139-65-1	4,4'-Diaminodiphenyl sulfide
95-53-4	o-Toluidine
95-80-7	2,4-Diaminotoluene
137-17-7	2,4,5-Trimethylaniline
90-04-0	o-Anisidine
95-68-1	2,4-Xylidine
87-62-7	2,6-Xylidine
60-09-3	4-Aminoazobenzene

2) Carcinogenic Dyes

CAS No	C.I.	
569-61-9	C.I. BASIC RED 9	CI 42500
2475-45-8	C.I. DISPERSE BLUE 1	CI 64500
3761-53-3	C.I. ACID RED 26	CI 16150
2602-46-2	C.I. DIRECT BLUE 6	CI 22610
1937-37-7	C.I. DIRECT BLACK 38	CI 30235
573-58-0	C.I. DIRECT RED 28	CI 22120
2832-40-8	C.I. DISPERSE YELLOW 3	CI 11855
632-99-5	C.I. BASIC VIOLET14	
82-28-0	C.I. DISPERSE ORANGE11	

3) Skin Sensitizing Dyes

2475-46-9	C.I. DISPERSE BLUE 3	CI 61505
12222-75-2	C.I. DISPERSE BLUE 35	
	C.I. DISPERSE BLUE 106	
	C.I. DISPERSE BLUE 124	
2832-40-8	C.I. DISPERSE YELLOW 3	CI 11855
730-40-5	C.I. DISPERSE ORANGE 3	CI 11005

	C.I. DISPERSE ORANGE 37	
2872-52-8	C.I. DISPERSE RED 1	CI 11110
2475-45-8	C.I. DISPERSE BLUE 1	CI 64500
3179-90-6	C.I. DISPERSE BLUE 7	CI 62500
3860-63-7	C.I. DISPERSE BLUE 26	CI 63305
	C.I. DISPERSE BLUE 102	
	C.I. DISPERSE ORANGE 1	CI 11080
	C.I. DISPERSE ORANGE 76	
2872-48-2	C.I. DISPERSE RED 11	CI 62015
	C.I. DISPERSE RED 17	CI 11210
119-15-3	C.I. DISPERSE YELLOW 1	CI 10345
	C.I. DISPERSE YELLOW 9	CI 10375
	C.I. DISPERSE YELLOW 39	
	C.I. DISPERSE YELLOW 49	
	C.I. DISPERSE BROWN1	

Attachment 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
	Chlorofluoromethane
	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	