



Eco Mark Product Category No.104

“Household Textile Products Version 2.5”

Japan Environment Association

Eco Mark Office

1. Environmental Background

Since the establishment of Product Category No.104 “Household Textile Products Using Recycled PET Resin” in 1997, the number of certified products has increased sharply.

This Eco Mark Product Category was reviewed in accordance with the life cycle concept incorporated by the Eco Mark Program in 1996 for the purposes of: including the development of a system for using, collecting, and recycling clothing made of recyclable textiles in the criteria, in addition to recyclable PET resins, thereby placing the point of focus from textiles to recycling for textiles; and also promoting the smooth development of a recycling-oriented society by the spread of recycled products.

Various chemical substances such as dyes and bleach are used on clothing products. Existing criteria of this Product Category have been recommending unbleached products, dye-free products, and products dyed by natural colors such as plant derivatives to reduce the use of chemicals. Considering the relationships between dyes and our health or the environment, however, special attention should be paid to processing agents such as formaldehyde. Therefore, review was made in terms of the handling of chemical substances in addition to the efficient use of resources.

NOTE: This document is a translation of the criteria written in Japanese. In the event of dispute, the original document should be taken as authoritative.

2. Applicable Products

Cloth products and textile products shown in Table 1 of the categories: “Household Textile Articles”, “Apparel accessories”, “Footwear”, Tents of “Living and cultural supplies, n.e.c.” “Entertainment devices and toys and dolls among Toys (stuffed animal, other cloth toys, etc.), and cloth and fabric products of “Fabricated Basic Textiles” listed in the “Japan Standard Commodity Classification” issued by the Ministry of Public Management, Home Affairs, Posts and Telecommunications, excluding feather “Beddings”, “Kotatsu quilts, sitting cushions and cushions”, leather products, “Furs”, non-woven fabrics of “Lace fabrics or non-woven fabrics” , nets, fences and ropes of “Other fabricated basic textiles”, and knit fabrics.

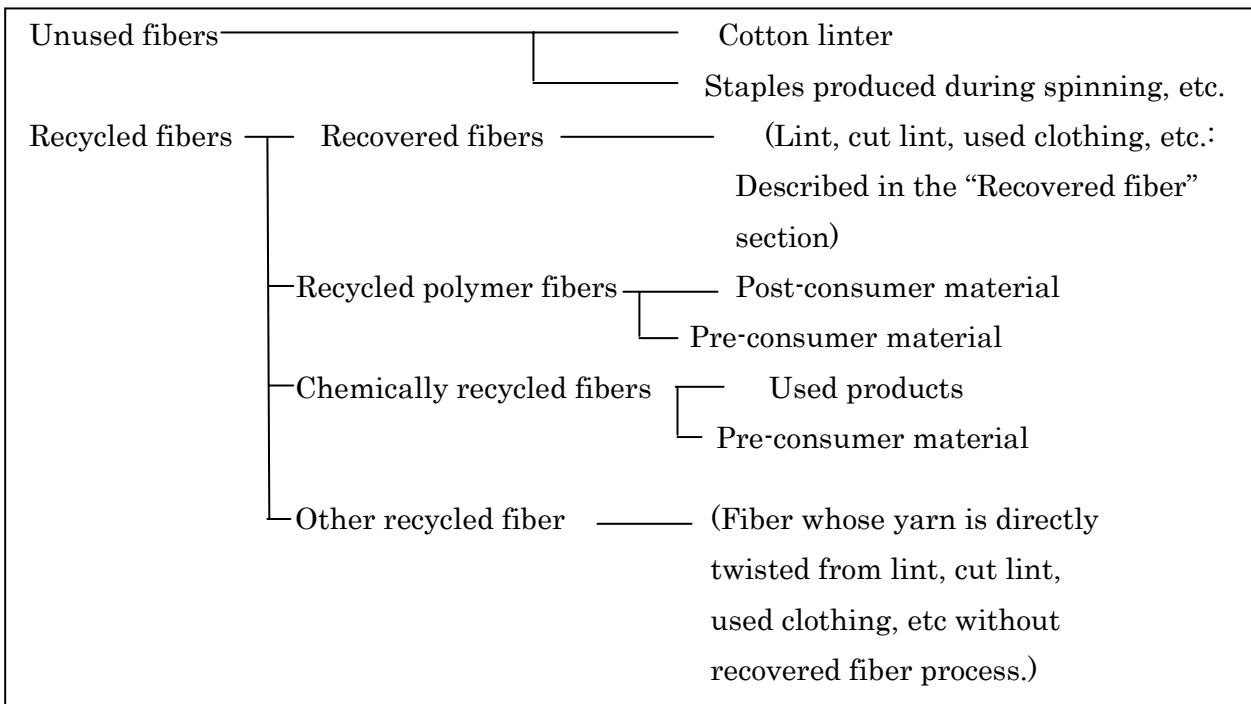
Eco Mark Product Category No.4 “Filter Bags for Kitchen Disposal”, Product Category No. 5 “Absorbents for Used Cooking Oil”, and Product Category No. 121 “Returnable Containers/Packaging Materials” and other product categories are classified according to function. Fabrics of these categories are managed by their respective criteria.

3. Definition of Terms

- Recycling: Material recycling. Herein, the term shall include chemically recycled fibers. Energy recovery (thermal recycling) shall not be included.
- Cotton linter: Short cotton linters that start to protrude from the plant four to twelve days after flowering.
- Unused fibers: Fibers consisting of cotton linter, staples produced during spinning, etc.
- Recovered wool fiber: Fiber consisting of recovered wool materials including lint from spinning plants, cut lint from clothing plants, and used clothing, etc. (Here, *sakiori* (split-woven fabric), etc. are included.)
- Post-consumer material: PET bottles and other synthetic high polymer products as well as synthetic fiber fabrics, which are products disposed after use. This include used packaging material.
- Pre-consumer material: Waste diverted from the waste stream in the manufacturing process of high polymer products and synthetic fiber fabrics. However, this excludes wastes that are recycled in the same process (plant).
- Recycled polymer fiber: Fibers made of recycled resin using recovered flakes, or pellets, etc. of post-consumer and pre-consumer materials.
- Chemically recycled fiber: Fibers consisting of polymers obtained through polymerization using monomers as raw materials that are obtained by

depolymerizing used nylon or polyester products and pre-consumer material.

- Recycled fibers: Recovered natural fiber, recycled polymer fiber, or recycled chemical fiber. However, lint from weaving plants, cut lint from garment plants, and fibers whose yarns are twisted directly from used clothes, skipping the fiber recovery process, shall be included. Products created from these fibers include tuft carpet whose yarns are directly twisted from end-pieces of nonwoven fabric and *sakiori* (split-woven fabric) which is woven with fine strings made by ripping out used clothing, etc. (as of October, 2005)
- Recycled cloth: Faulty cloths found during inspection and cloths cut from used clothes and used cloths.
- Post-consumer material: Material or product disposed after use as product.
- Pre-consumer material: Material or defective product generated in the disposal route of manufacturing process. However, products recycled in the same process (plant) as the material are excluded.
- Recycled material: Material consisting of post-consumer and pre-consumer materials.



4. Certification Criteria

4-1. Environmental criteria

A. Textile products for home use, and “toys and dolls”

(1) These products shall meet either one of the following requirements: a, b, c, or d.

- a. The mass rate of unused fibers or recycled fibers in the total mass of the entire product (which shall be of the mass of fiber portions, excluding small accessories such as buttons, zips, hooks and threads) shall meet the Standard Content Rate shown in Table 1. Note that, however, for side textures of bedclothing, coverlet for “kotatsu”, sitting cushions, cushions and stuffed toys and other cloth toys, the mass rate of unused fibers or recycled fibers in the total mass of the side textures shall meet the standard content rate shown in Table 1. In addition, for the inner cotton of bedclothing, coverlet for *kotatsu*, sitting cushions, cushions and stuffed toys and other cloth toys, the content rate of unused fibers or recycled fibers in the total mass of the inner cotton shall be 50% or over (mass rate).

For floor coverings, the mass rate of unused fibers and recycled fibers in the total mass of the entire product (total mass comprised of mass of fiber portions added with resin portions and inorganic substances) shall be 35% or over. In addition, the mass rate of unused fibers or recycled fibers in the total mass of the fiber portions shall satisfy the standard content rate shown in Table 1.

Table 1. Standard Content Rate of Fiber to Total Mass of Entire Product

(The table applies to side textures of bedclothing, coverlet for *kotatsu*, sitting cushions, cushions, stuffed toys and other cloth toys, etc.)

Type of Fiber	Standard Content Rate		
Unused fibers		10% or over	Standard content rate of products using Cupra fibers shall be 70% or over.
Recycled fibers	Recovered fibers	10% or over	
Recycled polymer fibers		50% or over	For resin content, Recycled PET, recycled PE, Recycled PP, and other resin shall be 50% or over.
	Chemically recycled fiber	50% or over	For monomer content, recycled monomer shall be 50% over.
<p>If recycled polymer fibers and chemically recycled fibers are used in combination, the content according to the following formula shall satisfy the standard content rate of 50% or over.</p> $(A \times B + C \times D) / 100$ <p>A = Weight percentage of chemically recycled fibers in the entire product B = Content rate of recycled monomers in the chemically recycled fiber C = Weight percentage of recycled polymer fibers in the entire product D = Content rate of recycled resins in the recycled polymer fiber</p>			
	Others (Fiber directly twisted from lint, cut lint, used clothing, etc., skipping the recovered fiber process.)	50% or over	

- b. The product shall be of products whose fiber portion is of 100% cotton (excluding knitting of small accessories such as buttons, zips, hooks and threads, as well as

polyurethane fibers (rubber thread) which are less than 10% of the total mass of the product into the collar, sleeve, and hem, etc.) In addition, the products shall be of unbleached or hydrogen peroxide bleached cotton and free from using florescent whitener.

- c. The product shall be of products whose fiber portion is of 100% natural fibers such as cotton, (excluding knitting of small accessories such as buttons, zips, hooks and thread, as well as polyurethane fibers (rubber thread) which are less than 10% of the mass of the product into collar, sleeve, and hem, etc.) In addition, the products shall be made from organically grown material.
 - d. The products shall be collected and recycled after use. The applicant shall have a mechanism for collecting and recycling unwanted used products. Product portions that cannot be recycled shall be subjected to energy recovery by means of an eco-friendly method.
- (2) Manufacturing shall be implemented by observing related environment laws/regulations and pollution control agreements, etc. on air pollution, water pollution, noise, vibration, foul odor, and emission of hazardous substances.
 - (3) Use of chemical substances in products shall meet the standard values shown in Appendix 2.
 - (4) Products shall be free of resins made of halogens. (The term “resin” herein shall apply to resin fibers and post-processing and not to coloring materials and fluorine-based additives). Note that, however, this paragraph shall not be applicable to floorcloths and blankets.
 - (5) Products shall not be disposable.

B. Personal Belongings

- (6) The content rate of leather in neck accessories, personal belongings for kimono, pouches and bags shall not be greater than 20% of the entire product (weight percentage). In addition, the external area of fabric shall account for 50% or more of the whole product, excluding handles and other accessories.
- (7) These products shall meet either one of the following conditions: a, b, or c.
 - a. The mass rate of unused fibers or recycled fibers in the total mass of the entire product (which shall be the mass of fiber portions, excluding small accessories such as buttons, zips, hooks and threads) shall meet the Standard Content Rate shown in Table 3 Or otherwise, the mass rate of unused fibers or recycled fibers in the total mass of the surface texture shall meet the Standard Content Rate shown in Table 4. Small accessories using recycled material may be included in the standard content rate as the total mass of the entire product and the mass of recycled fibers.

For umbrellas, the mass rate of unused fibers and recycled fibers in the total mass of the entire product (which shall be the total mass comprised of the mass of fiber portions added with resin and inorganic portions) shall be 20% or over. In addition, the mass rate of unused fibers or recycled fibers in the total mass of the fiber portions shall meet the standard content rate shown in Table 2.

Table 2. Standard Content Rate of Fiber to Total Mass of Entire Product

Type of Fiber	Standard Content Rate		
Unused fibers		10% or over	Standard content rate of products using Cupra fibers shall be 70% or over.
Recycled fibers	Recovered fibers	10% or over	
	Recycled polymer fibers		50% or over
		Chemically recycled fiber	50% or over
<p>If recycled polymer fibers and chemically recycled fibers are used in combination, the content according to the following formula shall satisfy the standard content rate of 50% or over.</p> $(A \times B + C \times D) / 100$ <p>A = Weight percentage of chemically recycled fibers in the entire product B = Content rate of recycled monomers in the chemically recycled fiber C = Weight percentage of recycled polymer fibers in the entire product D = Content rate of recycled resins in the recycled polymer fiber</p>			
	Others (Fiber directly twisted from lint, cut lint, used clothing, etc., skipping the recovered fiber process.)	50% or over	

Table 3. Standard Content Rate of Fiber to Total Mass of Outer material

Type of Fiber	Standard Content Rate		
Unused fibers		10% or over	Standard content rate of products using Cupra fibers shall be 70% or over.
Recycled fibers	Recovered fibers	10% or over	
	Recycled polymer fibers	60% or over	For resin content, Recycled PET, recycled PE, Recycled PP, and other resin shall be 50% or over.
	Chemically recycled fiber	60% or over	For monomer content, recycled monomer shall be 50% over.
	<p>If recycled polymer fibers and chemically recycled fibers are used in combination, the content according to the following formula shall satisfy the standard content rate of 60% or over.</p> $(A \times B + C \times D) / 100$ <p>A = Weight percentage of chemically recycled fibers in the entire product B = Content rate of recycled monomers in the chemically recycled fiber C = Weight percentage of recycled polymer fibers in the entire product D = Content rate of recycled resins in the recycled polymer fiber</p>		
Others (Fiber directly twisted from lint, cut lint, used clothing, etc., skipping the recovered fiber process.)		50% or over	

- b. The fiber portions of products shall be made of 100% cotton (excluding buttons, zips, hooks, thread and other small accessories, and polyurethane fibers (rubber thread) less than 10% of the total weight of the product that are knitted into the collar, sleeve, and hem, etc. At the same time, products shall be unbleached or made of hydrogen peroxide bleached cotton without using florescent whitener.
 - c. The fiber portion of products shall be made of 100% natural fibers such as cotton, (excluding buttons, zips, hooks, thread and other small accessories and polyurethane fibers (rubber thread) less than 10% of the total weight of the product that is knitted into collar, sleeve, and hem, etc. At the same time, products shall be organically grown material.
- (8) Manufacturing shall be implemented observing related environment laws/regulations and pollution control agreement, etc. on air pollution, water pollution, noise, vibration, odor, and emissions of hazardous substances.
 - (9) Use of chemical substances in products shall meet standards shown in Attachment 2.
 - (10) Products shall not use resins made of halogens. (This item applies to resin fibers and post-processes and does not apply to coloring materials and fluorine-based additives).
 - (11) Packagings shall be given features such as resource-saving (simple, light weight), repeatedly reusable, easy-to-recycle, easy-to-separate different materials used, and labeling of material.
 - (12) Products shall not be of the disposable type. Diapers shall be designed for repeated use by washing after use. Bags shall be reusable for use in place of shopping paper bags and plastic bags.

C. Other living and cultural supplies (Tents)

- (13) The weight percentage of waste fibers or recycled fibers making up the total weight of products shall meet the standard content rate shown in Table 4.

Table 4. Standard Content Rate of Fiber to Total Mass of Product

Type of Fiber	Standard Content Rate		
Unused fibers		10% or over	Standard content rate of products using Cupra fibers shall be 70% or over.
Recycled fibers	Recovered fibers	10% or over	
	Recycled polymer fibers		50% or over
		Chemically recycled fiber	50% or over
<p>If recycled polymer fibers and chemically recycled fibers are used in combination, the content according to the following formula shall satisfy the standard content rate of 60% or over.</p> $(A \times B + C \times D) / 100$ <p>A = Weight percentage of chemically recycled fibers in the entire product B = Content rate of recycled monomers in the chemically recycled fiber C = Weight percentage of recycled polymer fibers in the entire product D = Content rate of recycled resins in the recycled polymer fiber</p>			
	Others (Fiber directly twisted from lint, cut lint, used clothing, etc., skipping the recovered fiber process.)	50% or over	

(14) Manufacturing shall be implemented observing related environment laws/regulations and pollution control agreement, etc. on air pollution, water pollution, noise, vibration, odor, and emissions of hazardous substances.

(15) Use of chemical substances in products shall meet standards shown in Attachment 2.

(16) Products shall not use resins made of halogens. (This item applies to resin fibers

and post-processes and does not apply to coloring materials and fluorine-based additives).

D. Fabricated basic textiles

(17) These products shall meet one of the following conditions: a, b, or c.

- a. The weight of waste fibers or recycled fibers in the total weight of the product (fiber weight excludes small accessories like buttons, zips, hooks, etc.) shall meet the Standard Content Rate shown in Table 5.

Table 5.

Type of Fiber	Standard Content Rate		
Unused fibers		10% or over	Standard content rate of products using Cupra fibers shall be 70% or over.
Recycled fibers	Recovered fibers	10% or over	
		50% or over	For resin content, Recycled PET, recycled PE, Recycled PP, and other resin shall be 50% or over.
Recycled polymer fibers	Chemically recycled fibers	50% or over	For monomer content, recycled monomer shall be 50% over.
	<p>If recycled polymer fibers and chemically recycled fibers are used in combination, the content according to the following formula shall satisfy the standard content rate of 60% or over.</p> $(A \times B + C \times D) / 100$ <p>A = Weight percentage of chemically recycled fibers in the entire product B = Content rate of recycled monomers in the chemically recycled fiber C = Weight percentage of recycled polymer fibers in the entire product D = Content rate of recycled resins in the recycled polymer fiber</p>		
	Others (Fiber directly twisted from lint, cut lint, used clothing, etc., skipping the recovered fiber process.)	50% or over	

- b. The fiber portions of products shall be made of 100% cotton (excluding buttons, zips, hooks, thread and other small accessories, and polyurethane fibers (rubber thread) less than 10% of the total weight of the product that are knitted into the collar, sleeve, and hem, etc. At the same time, products shall be unbleached or made of hydrogen peroxide bleached cotton without using florescent whitener.
 - c. The fiber portion of products shall be made of 100% natural fibers such as cotton, (excluding buttons, zips, hooks, thread and other small accessories and polyurethane fibers (rubber thread) less than 10% of the total weight of the product that is knitted into collar, sleeve, and hem, etc. At the same time, products shall be organically grown material.
- (18) Manufacturing shall be implemented observing related environment laws/regulations and pollution control agreement, etc. on air pollution, water pollution, noise, vibration, odor, and emissions of hazardous substances.
- (19) Use of chemical substances in products shall meet standards shown in Attachment 2.
- (20) Products shall not use resins made of halogens. (This item applies to resin fibers and post-processes and does not apply to coloring materials and fluorine-based additives).

4-2. Quality criteria

- (1)(XX: product name) Toys and dolls shall meet the “Japan Toy Safety Standard (ST-2002)” by the Japan Toy Association.

5. Certification Procedure

- (1) For Criteria 4-1.(1), (7), (13) and (17)a, b, and c, certificates of materials used (material name, material supplier, etc.) issued by the spinning company shall be attached (refer to Interpretation A-8). However, in the use of Eco Mark certified fabrics, compliance with standards can be certified by indicating the “Brand Name” and “Certification No.” of corresponding fabric used, etc. on the Application for Eco Mark Certification and Usage.

For floor coverings, in addition to the above, the floor coverings weight, fiber weight, and waste fiber weight or recycled fiber weight shall be specifically indicated in the Eco Mark Product certification and Usage Application Form.

For umbrellas, in addition to the above, the product weight, fiber weight, and waste fiber weight or recycled fiber weight shall be specifically indicated in the Eco Mark Product certification and Usage Application Form.

- (2) For Criterion 4-1.(1)d, description that a system for collection and recycling or

eco-friendly energy recovery system has been established (collection system, processing capacity, processing details, simple product recycling design, etc.) shall be submitted.

- (3) For Criteria 4-1.(2), (8), (14), and (18), certificates issued by the manager of the plant manufacturing the product stating that environment laws and regulations of the area in which the clothing plant is located have been observed for the past five years since application and no laws have been violated shall be submitted.
- (4) For Criteria 4-1.(3), (9), (15) and (19), certificates shall be submitted in accordance with Attachment 2.
- (5) For Criteria 4-1.(4), (10), (16) and (20), whether resins made of halogens are used shall be indicated in the Eco Mark Certification and Usage Application Form.
- (6) For Criteria 4-1.(5), and (12), whether the product under application pertains to the disposable product specified in Interpretation D-1 shall be described specifically in the Eco Mark Certification and Usage Application Form.
- (7) Criterion 4-1.(6) requires that the Application form for Eco Mark Certification and Usage should specifically include the weight percentage of leather of neck accessories, apparel accessories of kimono, pouches, and bags, and the percentage of fibers of the total external area excluding handles and other accessories.
- (8) For Criterion 4-1.(11), the packaging state of products and packaging material used shall be indicated specifically in the Application form for Eco Mark Certification and Usage. (Drawings and photographs can be used in description.)
- (9) For Criteria 4-2.(21), (22) and (23) documents certifying compliance with the corresponding quality criteria shall be submitted. At the same time, certificates issued by the manager of the plant manufacturing the product certifying that quality control was adequately implemented in the manufacturing stage and no laws and regulations have been violated shall be submitted.

6. Other Requirements

- (1) Product categorization shall be by brand name, by the recycled fiber content rate or waste fiber content rate prescribed in 4-1.(1), (7), (14) and (18) (products with a difference in content rate of an item of less than 20% shall be taken as the same product category. Products whose fiber content rate was calculated using Table 1 cannot be applied for with products whose fiber content rate was calculated using Table 2), and by condition b, c, or d satisfied.

Regarding curtains and towels of the household textile articles, products of the same quality, etc. but with different brand names can be taken as the same product.

(2) The following environment information shall be indicated below the mark: The planned location and display details of the Eco Mark shall be presented in writing when applying for Eco Mark product certification. The environmental information indicated shall consist of one line aligned to the left and enclosed in a rectangular box, stating the condition prescribed in 6. (1) as being satisfied, and the corresponding “Waste Fiber Percentage XX %” or “Waste Fiber Percentage Above XX%”, “Recovered fiber Percentage XX%” or “Recovered fiber Percentage Above XX%”, “Recycled Polymer Fiber XX% “ or “Recycled Polymer Fiber Above XX% “, “Recycled PET Fiber Percentage XX%” or “Recycled PET Fiber Percentage Above XX%” (Similar indication is applicable to recycled polymer fibers other than PET), “Chemically Recycled Fiber Percentage XX% ” or “Chemically Recycled Fiber Percentage Above XX%”, “Unbleached”, “Hydrogen Peroxide Bleaching”, “XX (product name) of Recollected and Recycled After Use”, or “Organic”. Blankets, towels, bath mats and other related products that use waste fibers or recovered fibers as a material shall display “Waste Fiber/Recovered fiber Percentage XX%” or “Waste Fiber/Recovered fiber Percentage Above XX%.” The environmental information for cover fabric of beddings, Kotatsu quilts, sitting cushions and cushions made of waste fiber or recycled fiber shall consist of two lines aligned to the left and enclosed in a rectangular box. The first line includes the condition prescribed in 6. (1) as being satisfied and the corresponding “[Cover material] Waste Fiber XX%” or “[Cover material] Waste Fiber Above XX%”, “[Cover material] Recovered fiber Percentage XX%” or “[Cover material] Recovered fiber Percentage Above XX%”, “[Cover material] Recycled Polymer Fiber XX%” or “[Cover material] Recycled Polymer Fiber Above XX%”, “[Cover material] Recycled PET Fiber XX%” or “[Cover material] Recycled PET Fiber Above XX% (Similar indication is applicable to recycled polymer fibers other than PET, PE, and PP., or “[Cover material] Chemically Recycled Fiber XX % ” or “[Cover material] Chemically Recycled Fiber Above XX%”. The second line includes [Inside cotton] Waste Fiber XX%” or “[Inside cotton] Waste Fiber Above XX%”, “[Inside cotton] Recovered fiber Percentage XX%” or “[Inside cotton] Recovered fiber Percentage Above XX%”, “[Inside cotton] Recycled Polymer Fiber Above XX%” or “[Inside cotton] Recycled Polymer Fiber Above XX%)”, “[Inside cotton] Recycled PET Fiber XX%” or “[Inside cotton] Recycled PET Fiber Above XX%) (Similar indication is applicable to recycled polymer fibers other than PET, PE, and PP.), or “[Inside cotton] Chemically recycled Fiber XX%” or “[Inside cotton] Chemically recycled Fiber Above XX%”. ” In products containing recycled polymer fiber and chemically recycled fiber, the first line shall read “Recycled Polymer Fiber XX%) “ or “Recycled

Polymer Fiber Above XX% “ and the second line “Chemically Recycled “Fiber Percentage XX% ” or “Chemically Recycled Fiber Percentage Above XX%)”, and in case of using the Recycled PET Fiber terms, it shall be indicated in accordance with the first line indication on the above (Indication of Recycled Polymer Fiver other than PET shall meet the first line indication.) The product using fibers in the category of “Others” in the Tables shall be indicated as “Recycled Fiber XX%” or “Recycled Fiber Above XX%”.

For XX%, indicate the content rate of the corresponding fiber of the product for which the application is being submitted (round off decimal numbers to integers). However, for products based on the standard content rate in respect to the total weight of the outer material for each fiber in Table 4 prescribed in 4-1.(1), (8), (13), (17), (21), (26), and (31), indicate “(Outer material) Recovered Fiber XX%” or “(Outer material) Recovered Fiber Above XX%”, “[Outer material] Recycled Polymer Fiber XX%” or “[Outer material] Recycled Polymer Fiber Above XX%”, “(Outer material) Recycled PET Fiber XX%” or “(Outer material) Recycled PET Fiber Above XX%” or “(Outer material) Chemically Recycled Fiber XX%” and “(Outer material) Chemically Recycled Fiber Above XX%.”

If the content rate of the corresponding fibers differs within the same category of 6.(1) above, the minimum value of the category shall be indicated.

The stocks of certified products produced during the licensing period are exceptional and allowed to use the former statements below the mark and its certification numbers for a year from the date on which the contract is renewed as a basic rule.

The following shows an example:

<p>Waste Fiber Percentage Above XX%</p>		<p>ちきゅうにやさしい Friendly to the environment Environment-friendly</p>	<p>Eco Mark CertificationNo. XXXXXXXXX (Indication of numbers only is valid)</p>
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- (3) Products meeting the condition in Criteria 4-1.(1) shall be labeled with the Eco Mark.
- (4) Name of the Eco Mark user and address shall be indicated on the product or its package/container. (Article 7 of Eco Mark Usage Regulations)
- (5) In principle, the product for which the application is submitted shall be free of “flame retardant,” “antibacterial agent” materials and “biodegradable plastic” indications. When using these materials reasoning special circumstances, however, the products

shall satisfy the provisions contained in the “Guidelines for Eco Mark Implementation” concerning “flame retardant,” “antibacterial agent” and “indication of biodegradable plastic.” Specifically, the use of these materials shall be described in the form “Application for Eco Mark Certification and Usage” with documents stipulated in the form to be attached. (Quoted from “A Guide to Eco Mark”: Exclusion clause regulations corresponding to Article 3.7 of “Guidelines for Eco Mark Implementation.”)

Established: June 20, 2003

Revised: October 7, 2003

Revised: April 8, 2004 (polymer recycle and chemical recycle)

Revised: July 1, 2004 (statements below Eco Mark Version2.1)

Revised: Nov. 1, 2004 (validity period)

Revised: May 13, 2005 (environmental information)

Revised: Oct. 28, 2005 (recycle fiber added)

Revised: April 28, 2006 Revised(Interpretation) (Version2.4)

Revised: Oct. 19, 2006 (deletion of 6. Other requirements)

Revised: December 31, 2006

Term of Validity: March 31, 2009

These certification criteria for the product category will be reviewed in five years after the date of enactment, and the certification criteria and/or the product category will be revised or abolished

Attachment 1

Applicable Product Categories (From “Japan Standard Commodity Classification”)

82	Household textile articles
82 1	Floor coverings (excluding tile flooring)
82 2	Beddings
82 3	Kotatsu quilts, sitting cushions and cushions
82 4	Curtains and draperies
82 5	Table cloth, napkins and related articles
82 6	Chair covers and "zabuton" covers
82 7	Towels, bath mats and related articles
82 8	Mosquito nets
82 9	Other household textile articles
79	Apparel accessories
79 1	Handkerchiefs
79 2	Neckwear (except fur)
79 3	Suspenders, hose supporters, armbands, belts for apparel, buckles, collars and cuffs
79 4	Accessories of Japanese clothings
79 5	"Fukuromono"
79 6	Luggages and bags
79 7	Umbrellas and sticks
79 8	"Sensu" and "uchiwa"(Japanese fans)
79 9	Other apparel accessories
89	Entertainment devices and toys
89 5	Toys and dolls (stuffed animals, and other cloth toys, etc.)
95	Other living and cultural supplies
95 9	Living and cultural supplies, n.e.c.
14	Fabricated basic textiles
14 2	Yarns (excluding processed yarns)
14 3	Processed yarn
14 4	Woven fabrics, 50cm or more in width
14 5	Woven fabrics, 13cm or more, less than 50cm in width
14 6	Woven fabrics, less than 13cm in width
14 7	Knit fabrics
14 8	Lace fabrics or non-woven fabrics (excluding un-woven fabrics and felt)
14 9	Other fabricated basic textiles (coated or water-proof fabrics, hats, strings, lace, fringes, etc.)

Criteria on Chemical Substances in Textile Products

The chemical substances listed below shall meet the conditions indicated under “Criteria” for all concerned products.

To prove compliance with the conditions, chemicals falling under No. 1 are required to indicate if they have been mildewproof-finished. For products with mildewproof finish, the agent used for finishing shall be specified. For formaldehyde under No. 2, the results of the test for each different fabric prescribed by Ordinance No. 34 of the former Ministry of Health and Welfare (MHW) shall be submitted. For chemicals under No. 3, whether wool is used shall be described. Wool products require the submission of documents certifying compliance with MHW Ordinance No. 34 of the concerned product. Chemicals under No. 4 shall be indicated if they have been fireproofed. For fireproofed products, the agent used for finishing shall be indicated, or documents certifying that these products are fireproofed shall be submitted.

No.	Name	Criteria	Test Method	Concerned Products
1	Organic mercury compound Triphenyltin compound Tributyltin compound	Shall not be detected	MHW Ordinance No. 34	All textiles
2	Formaldehyde	Shall not be detected	MHW Ordinance No. 34	Baby diapers (under 24 months old)
		Not less than 75 ppm		Clothing that is likely to come into direct contact with the skin, including beddings, towels, and fabricated basic textiles for inner wear and underwear.
		Not less than 300 ppm		Other textiles excluding products used outdoors
3	Dieldrin DTTB	Not less than 30 ppm	MHW Ordinance No. 34	All textiles
4	APO TDBPP Bis (2,3-dibromopropyl) phosphate compound	Shall not be detected	MHW Ordinance No. 34	All textiles

Source: Law for the Control of Household Goods Containing Harmful Substances

The following processes shall meet the conditions given under Precautions during Processing.

To prove compliance with the conditions, any processing is required to indicate if the concerned product has been subject to any of these processes.

Processing	Precautions during Processing
Flame proof finishing	Minimize flame proof finishing to ensure that the finishing is not done excessively.
Softening	
Sanitization	Voluntarily refrain from use of agents whose safety to the human body is suspected.
Product bleaching	In planning bleached products, ensure their safety first.

Source: Notice No. 569, 1972, Director-General of the Fiber and Goods Bureau, MITI
 Notice No. 289, 1973, Director-General of the Consumer Goods Industries Bureau, MITI
 Notice No. 226, 1988, Director-General of the Consumer Goods Industries Bureau, MITI

The following dyes of lists (1), (2), and (3) shall not be included in products.

Fabrics other than wool shall not include chrome dyes.

This shall be certified through the submission of certificates issued by the manage of the dye house.

(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 Commodities 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)
60-90-3	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
	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
	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
	C.I. DISPERSE BLUE 1	CI 64500	Oeko-Tex
	C.I. DISPERSE BLUE 7	CI 62500	Oeko-Tex
	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
	C.I. DISPERSE RED 11	CI 62015	Oeko-Tex
	C.I. DISPERSE RED 17	CI 11210	Oeko-Tex
	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

Certificates on Recovery and Recycling

(1) Name of recovery and recycling system

(2) Recovery and recycling categories

Material recycling/Chemical recycling

(3) Outline of recovery and recycling systems (Based on actual operation of recovery and recycling systems)

1) Finance

2) Recovery assurance

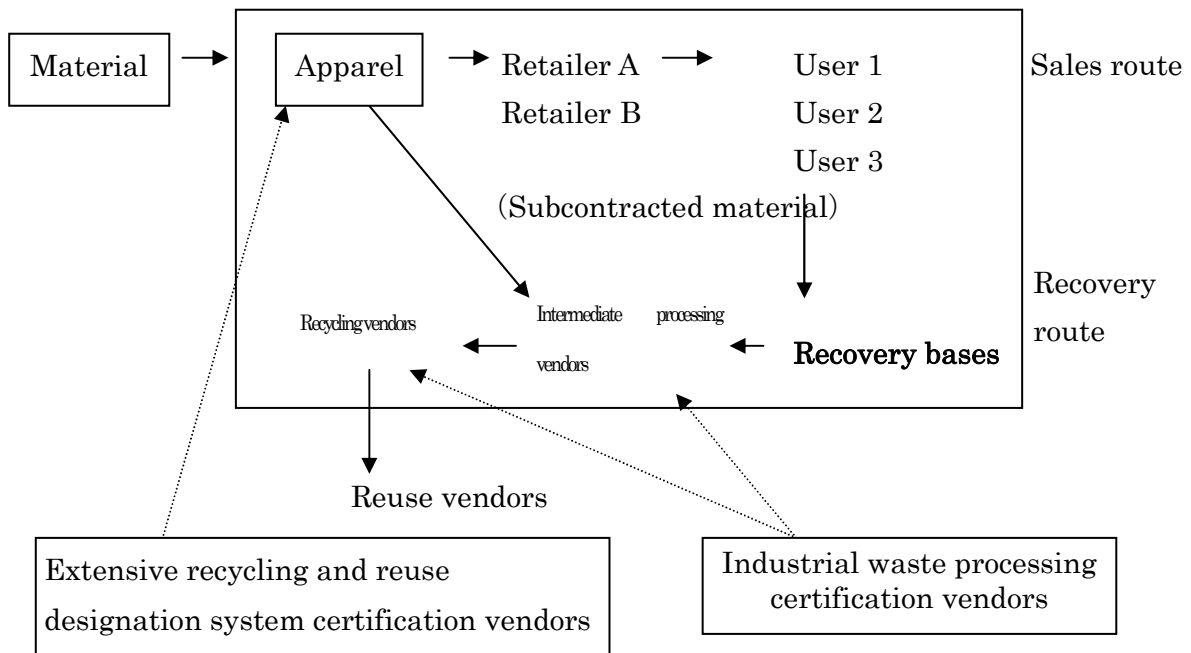
Example: Recovery agreement with user, sewing of cloth label to product, etc.

3) Present operation of recovery and recycling systems

Example: Products/materials applicable for recovery and recycling (Natural fiber 100%, synthetic fiber mixture rate, etc.), Applicable regions of recovery and recycling systems, Recovery rate (No. products recovered/No. products sold), Recycling rate (No. products recycled/No. products recovered), Recycling rate per product(Weight of parts recycled /product weight), recovery ability, recyclability (No. tons/year), Re-production purposes, etc.

4) Overview of recovery and recycling systems and relation with concerned entities

Example: Models of apparel subject to extensive recycling and reuse designation system



(4) Name of recycling vendors and waste disposal certification

Certificates indicating vendor name and waste disposal is allowed to concerned entities such as:

- 1) Waste disposal within own plant (Applicant)
- 2) Intermediate disposal vendor
- 3) Final disposal vendor

(5) Handing Over of Wastes to Recycling Vendors

Description should be given as to how products under application are discharged (industrial wastes, general wastes, valuable resources, etc.) and methods of handing over such products from waste disposer to recycling vendor should be explained.

(6) Submission of agreements

- 1) A copy of industrial waste disposal and collection and transportation contract
- 2) A copy of vendor contract (Contract between applicants and recovery and recycling system providers)

For cases designated as the extensive recycling and reuse designation system for industrial wastes, requirements (3) to (6) must be met.

To commission industrial waste transportation and disposal, certificates (3) to (6) above are required.