



Japan - Voluntary Requirements on Harmful Substances for Textiles and Clothing

On March 25, 2010, the Japan Textile Federation drafted a revision of "Voluntary Standards on Nonuse of Harmful Substances for Textiles and Clothing." The aim is to reduce the possible toxic substances from and improve the quality of the textile products. The standards are subject to review and change.

According to the voluntary standards, Azo Dyes (dyes and pigments) from which any of the specific aromatic amines (Table 1) is detected in excess of 30 mg/kg by the prescribed test methods, must not be used in the covered products (Table 2).

Table 1: List of aromatic amines

1	92-67-1	biphenyl-4-ylamine	12	119-93-7	3,3'-dimethylbenzidine
2	92-87-5	benzidine	13	838-88-0	4,4'-methylenedi- <i>o</i> -toluidine
3	95-69-2	4-chloro- <i>o</i> -toluidine	14	120-71-8	6-methoxy- <i>m</i> -toluidine
4	91-59-8	2-naphthylamine	15	101-14-4	4,4'-methylene-bis-(2-chloro-aniline)
5	97-56-3	<i>o</i> -aminoazotoluene	16	101-80-4	4,4'-oxydianiline
6	99-55-8	5-nitro- <i>o</i> -toluidine	17	139-65-1	4,4'-thiodianiline
7	106-47-8	4-chloroaniline	18	95-53-4	<i>o</i> -toluidine
8	615-05-4	4-methoxy- <i>m</i> -phenylenediamine	19	95-80-7	4-methyl- <i>m</i> -phenylenediamine
9	101-77-9	4,4'-diaminodiphenylmethane	20	137-17-7	2,4,5-trimethylaniline
10	91-94-1	3,3'-dichlorobenzidine	21	90-04-0	<i>o</i> -anisidine
11	119-90-4	3,3'-dimethoxybenzidine	22	60-09-3	4-aminoazobenzene

Table 2: Covered products as per Japan Standard Commodity Classification

Classification Code	Description
78	Apparel, except footwear and apparel accessories
78 1	Outwears
78 2	Intimate apparel
78 3	Nightwears (except Japanese style)
78 4	"Wfuku" (Japanese style apparel)
78 5	Hosiery
78 6	"Tabi"
78 7	Headwear
78 8	Gloves and mittens (except rubber)
78 9	Other apparel (except footwear and apparel accessories)
79	Apparel accessories
79 1	Handkerchiefs
79 2	Neckwear (except fur)
79 4	Accessories of Japanese clothings
79 9	Other apparel accessories
82	Household textile articles
82 2	Beddings
82 7	Towels, bath mats and related articles
82 9	Other household textile articles

Prescribed test methods:

EN 14362-1: 2003 Textiles – Methods for the determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible without extraction

EN 14362-2: 2003 Textiles – Methods for determination of certain aromatic amines derived from azo colorants - Part 2: Detection of the use of certain azo colorants accessible by extracting the fibres

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