



Korean Special Act on the Safety Control of Children's Products

Effective from **4th Jun 2015**

■ What is "Special Act on the Safety control of Children's Products"?

To strengthen the safety control on 'Children's Products', which was previously handled by the "Quality Control and Safety Management of Industrial Products Act" with all other manufactured goods, Korean government implemented a "Special Act on the Safety control of Children's Product" from 4th Jun 2015 only for the products for children.

※ Definition of "Children's Product": Product or its component that is use by/for children **13 years of age or younger**

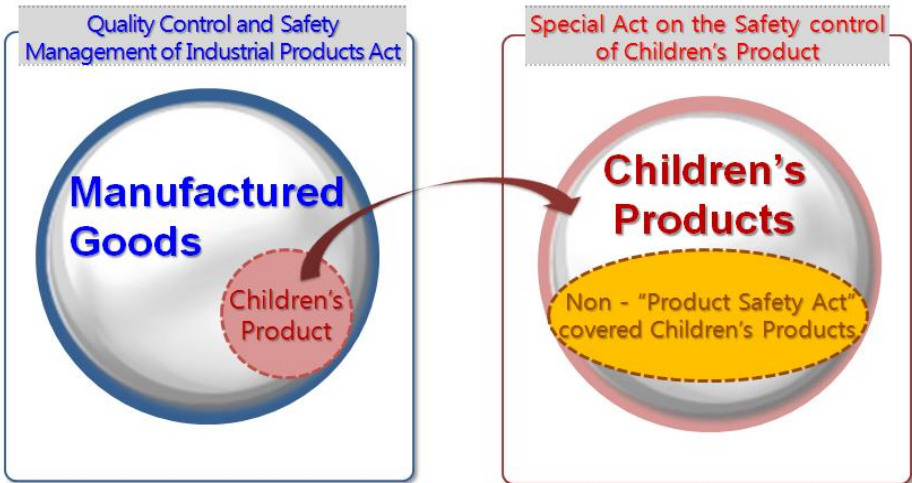


[Criteria for defining 'Children's Product']

■ "Special Act on the Safety Control of Children's Product"

vs. "Quality Control and Safety Management of Industrial Products Act"

There were dead zone left in management of "Quality Control and Safety Management of Industrial Products Act" as it supervised manufactured goods which is listed in the act only. But every children's products are under the scope of "Special Act on the Safety Control of Children's Product".



■ Safety Control for Industrial Products in Current KC

Quality Control and Safety Management of Industrial Products Act	Special Act on the Safety Control of Children's Product
<ul style="list-style-type: none"> · Safety Certification (Factory Inspection + Product Test +Certification) ⇒ 11 items including Aquatic Equipment · Self Regulatory Safety Confirmation (Product Test +Certification) ⇒ 32 items including Mountaineering Ropes · Safety Quality Mark (Self-regulatory) ⇒ 43 items including Textile Products , Leather products <p>※Applicable to products which is not for children</p>	<ul style="list-style-type: none"> · Safety Certification (Factory Inspection + Product Test + Certification) ⇒ 4 items including Aquatic Equipment for Children · Safety Confirmation (Product Test +Certification) ⇒ 17 items incl. textile products for infant · Supplier's Confirmation of Conformity (Self-regulatory) ⇒ 15 items incl. textile & leather product for children ⇒ All other products being made / imported / distributed for children's use but not having individual safety standard.

- Safety Certification & Safety Confirmation above should be performed only through the Safety Certification institutes and testing · inspection institutes approved by KATS(Korean Agency for Technology and Standard).
- Safety Quality Mark and Supplier's Confirmation of Conformity above requires test report complying with each product's safety requirement - such as its annex or common safety standard.

■ Requirement & Applicable Product Categories

: Items with individual safety annex are required to meet both individual Safety Standard and Common Safety Standard, while items without the annex need to meet only the requirement of Common Safety Standard.

- **Safety Certification(4 items) : requires Factory Inspection + Product Test +Certification**

① Aquatic Equipment for Children, ② Play Ground Equipment for Children, ③ Child Restraint Systems, ④ BB Guns for Children

※ Items in Safety Certification are required to get factory inspection and product testing every 2 years, and certificate is issued only for the products passed. But random inspection also can be done when there's special case like having safety issue.

- **Safety Confirmation(17 items) : requires Product Test +Certification**

① Textile products for Infants, ② Care articles for Children(Synthetic Resin Applied Products), ③ Sports Protection Equipment for children (Protector for Roller Sports Users and Impact Protection Helmets), ④ Skate board for Children, ⑤ Children's two-stage beds, ⑥ Toys, ⑦ Children's Tricycles, ⑧ Children's Chair, ⑨ Bicycles for Young Children, ⑩ Disposable Diapers for Children, ⑪ School Things, ⑫ Baby Walking Frames, ⑬ Baby Carriage ⑭ Children's Cots, ⑮ Thermal Pack Children (incl. pocket warmer), ⑯ Children's Carriers, ⑰ Life Jackets for Sports & Leisure for Children

※ Safety Confirmation is valid for 5 years from the date of the Safety Confirmation registration.

- **Supplier's Confirmation of Conformity**

(for products with individual safety standard, 15 items) : Self-regulatory

- ① [Leather Goods for Children](#), ② [Swab for Children](#), ③ [Glasses Frame for Children \(incl. Sunglasses\)](#), ④ [Swimming Goggles for Children](#), ⑤ [Umbrella & Parasol for Children](#), ⑥ [Roller Shoes for children](#) ⑦ [Roller Skates for Children](#) ⑧ [Snow-skis and other snow ski equipment for Children](#), ⑨ [Snow boards for Children](#), ⑩ [Shopping Trolleys](#), ⑪ [Children's Jewelry](#), ⑫ [Kick board for Children](#), ⑬ [In-line Roller Skates for Children](#), ⑭ [Furniture for Children](#), ⑮ [Textile Products for Children](#)

- Supplier's Confirmation of Conformity: Other Children's Products






(For products without individual safety standard) : **Self-regulatory**

product that doesn't have individual standard have to conform to the chemical/physical requirement of Common Safety Standard.

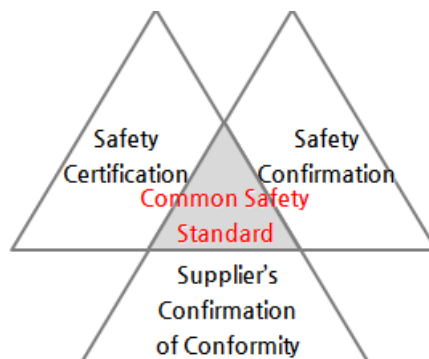
※ Documentation requirement of Common Safety Standard: Product Test Report(with photos), Certificate of Supplier's Confirmation of Conformity(Form No.28 in Enforcement Rules of this Act). The documents should be kept for 5 years from the manufactured date.

※ Round numbers are the numbers of relevant annex, items in blue are the ones FITI has capability to perform KC certification & confirmation. (For Annex ② in Safety Confirmation, FITI has capacity for ' No.1: Children's Care Article' only)

■ KC Mark

Safety Certification	Safety Confirmation	Supplier's Confirmation of Conformity
 <input type="text" value="안전인증 번호:"/> 	 <input type="text" value="안전확인 신고 확인증 번호:"/> 	
<input type="text" value="(Safety Certification Number)"/>	<input type="text" value="(Safety Confirmation Certificate Number)"/>	

■ Common Safety Standard vs. Individual Safety Standard



※ Newly added requirement and tightened requirement are applied to the products those are shipped / went through custom on or after 4th Jun 2016.

Common Safety Standard

■ Scope of Application

- This standard is commonly applied to the products or its part, component those are sued for/by children 13years of age or younger.
- When a product has Individual Safety Standard, items in the Individual Safety Standard are to be applied in addition to Common Safety Standard.
- Exclude the product's part/component which is not accessible for children.
- Goods or their parts, components in following list are excluded.
 - a. Drugs & Quasi-drugs in Article 2 of 「Pharmaceutical Affairs Act」
 - b. Medical devices defined in Article 2, Section1, 「Medical Devices Act」
 - c. Cosmetics according to No.1 in Article 2 of 「Cosmetic Act」
 - d. Apparatus in No.4 and Containers and Packages in No.5 in Article 2 of 「Food Sanitation Act」
 - e. Amusement Facilities or Amusement Machines in accordance to No.1 in Article 33 of 「Tourism Promotion Act」
 - f. "Product(s) of Concern over risks" in accordance to No.16 in Article 2 of 「Act on the Registration and Evaluation of Chemical Substances」

■ Regulated Items and Requirements

- Toxic Chemical

Regulated Items		Requirement	Note
Harmful Substance Release (mg/kg)	Antimony(Sb)	≤ 60	Applied to painted surface (including coating), synthetic resin treated or paper applied children's product of which the intended use is to be put in children's mouth the products for children under 36 months
	Arsenic(As)	≤ 25	
	Barium(Ba)	≤ 1000	
	Cadmium(Cd)	≤ 75	
	Chromium(Cr)	≤ 60	
	Lead(Pb)	≤ 90	
	Mercury(Hg)	≤ 60	
Selenium(Se)	≤ 500		
Harmful Substance content (mg/kg)	Lead(Pb)	≤ 300 (≤ 90 for paint or surface coating)	-
	Cadmium(Cd)	≤ 75	-

Phthalates (%)	<ul style="list-style-type: none"> - Products not intended to be put in children's mouth : total amount of DEHP, DBP, BBP ≤ 0.1 - Products intended to be put in children's mouth : total amount of DEHP, DBP, BBP, DINP, DIDP, DNOP ≤ 0.1 	<p>Applied when it's coated on synthetic resin materials, textiles and leather goods.</p> <p>※ Even if the intended use of the product is not to be put in mouth, when total amount of <u>DEHP, DBP, BBP, DINP, DIDP, DNOP</u> is more than 0.1, display mark stating “Warning! Do not put it in the mouth as could release phthalates”</p>										
		<table border="1"> <tr> <td>DEHP</td> <td>Di-(2-ethylhexyl)phthalate</td> </tr> <tr> <td>DBP</td> <td>Dibutyl phthalate</td> </tr> <tr> <td>BBP</td> <td>Butylbenzyl phthalate</td> </tr> <tr> <td>DINP</td> <td>Di-iso-nonyl phthalate</td> </tr> <tr> <td>DIDP</td> <td>Di-isodecyl phthalate</td> </tr> <tr> <td>DNOP</td> <td>Di-n-octhyl phthalate</td> </tr> </table>	DEHP	Di-(2-ethylhexyl)phthalate	DBP	Dibutyl phthalate	BBP	Butylbenzyl phthalate	DINP	Di-iso-nonyl phthalate	DIDP	Di-isodecyl phthalate
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DINP	Di-iso-nonyl phthalate											
DIDP	Di-isodecyl phthalate											
DNOP	Di-n-octhyl phthalate											
Asbestos	Do not use / Shouldn't be detected	-										

- Physical Requirement

Regulated Items	Requirement
Small Part	<p>< 36 months: Product or its detachable component should not fit completely into the small parts cylinder.</p> <p>≥36 months : Warning sign must be displayed if a product or its detachable component fit completely into the small parts cylinder.</p> <p>※ ≥96 months: exempted when displayed warning sign</p>
Edge	<p>Products with sharp edge of glass/ metal, functional sharp edge, edge of synthetic resin formed product, edge of screw, edge of stick with thread should conform to the requirement of 4.2 in "Common Safety Standard"</p> <p>※ ≥96 months: exempted when displayed warning sign</p>
Sharp Point	<p>Products with accessible sharp point, functional sharp point, sharp point of wooden product should conform to the requirement of 4.3 in "Common Safety Standard"</p> <p>※ ≥96 months: exempted when displayed warning sign</p>
Magnet and Magnetic Component	<p>Magnetic flux index of magnets or magnetic component should be under $50 \text{ kG}^2\text{mm}^2$ ($0.5\text{T}^2\text{mm}^2$) and/or completely fits into the small part cylinder.</p> <p>※ ≥96 months: Magnetic/Electronic experiment kit should display warning sign when it is at or more than $50 \text{ kG}^2\text{mm}^2$ of magnetic flux and at the same time, completely fits into the small parts cylinder.</p> <p>※ Not applied to functional magnets in electrical/ electronic component</p>

■ Marking/Labeling requirement

- According to marking/labeling requirement of Common Safety Standard, information to be disclosed must appear on product **in Korean** in legible ways such as attaching/printing/carving on the minimum packing unit, or attaching a label. It should not be easily detached or erased and includes items in the following list as a minimum. However, follow the requirement of individual safety standard when the product has one.

1. Name of Manufacturer or Importer(if imported)
2. Address and Phone number of discloser
3. Month & Year of Manufacture
4. Country of Origin
5. Appropriate age range
6. If required, Care Instruction/Precaution/Manual
7. Display remark "KC mark means this product conforms to the Common Safety Standard" in font size 12 points, notably.(Smaller font size can be used if the size of the product is too small to put this remark or this remark can disrupt the appearance of the product. To skip this remark, display phone number or website address and so that they can check it immediately through this information, and put statement saying consumers can check it by.)

※ Information above must be provided in Korean

※ Follow the enforcement regulation of "Special Act for Safety for Children Product" to display KC mark.

Textile Products for Infants & Textile Products for Children

■ Scope of Application

- Textile Products for Infants(Safety Confirmation Annex ①): Textile Product used by Infant age of 36 months or younger
- Textile Products for Children(Supplier's Confirmation of Conformity Annex ⑮): Textile Product used by Children age of 36 months or older

■ Classification of "Same Model" in Textile Products for Infant

Among textile products for infants, when more than 2 products are same in below 4 conditions, 1 Safety Confirmation registration certificate number can be used.

1. 'Category' per categorization in Annex of the Safety Standard
2. 'Fiber Content(exclusive of filler)' according to the Annex of the Safety Standard
3. 'Name of Manufacturer' per Safety Confirmation Registration Form(Registration Certificate) - Serial Code is assigned to each manufacturer according to the operation method of the Special Act for Safety of Children's Product
4. 'Country of Manufacture' per Safety Confirmation Registration Form(Registration Certificate) - Code is assigned to each country according to the operation method of the Special Act for Safety of Children's Product

But to assure safety, separate/additional test should be done for the products with different fabric, colors, component(metal, polymer, paint or similar coating, or things made from different material), even if they have same Safety Confirmation registration certificate number.

■ Product Category

- Textile Products for Infant(<36 Months) : subject to **Safety Confirmation**

Category	Applicable products
Outerwear	T-Shirts, Pants, Dresses, Rompers & Jumpsuits, Baby's Jumpsuits, Skirt, Jackets, Vests, Trench Coats, Cardigans, Coats, Shirts
Underwear	Panties, Sleepwear , Leggings, Panty Hoses
Beddings	Blankets, Pillows, Pillow Cases, Duvet Covers
Footwear	Sports Shoes, Boots, Slippers c.f.) It includes products made from poly resin which is a base material of textile, but does not includes ones made from natural/artificial leather or fur (it is to be handled in "Leather Goods")
Socks & Hosieries	Socks, Hosieries, Foot Warmers, Stockings
Gloves	Gloves, Arm Warmers
Hats & Caps	Hats & Caps, Scarves, Earmuffs, Hair bands

Bags	Bags, Backpacks, Handbags, Wallets
Products for Newborns	Diapers Covers, Cloth Diapers, Handkerchiefs, Baby Bibs, Newborn Mittens & booties, Swaddle Blanket

※A textile product should be classified as a separate category when the product is not listed above and sold as a textile product for normal Infant.

■ Regulated Items and Requirement

Items	Category	For Infants	For Children ≥ 36 months	Note
Formaldehyde(mg/kg)		≤ 20	≤ 75	
Organotin Compound (mg/kg)	DBT (Dibutyltin)	≤ 1.0	-	Applied only when it has coating or printing (Not regard as "printing" when the product used 'dyes' but no 'resin' or 'pigment')
	TBT (Tributyltin)	≤ 0.5	≤ 1.0	
Arylamine(mg/kg)		≤ 30 per each 24 materials in KS K 0147/0734		Applicable only for dyed goods
Phthalates contents(%)		≤ 0.1 in total (DNOP, DEHP, BBP, DBP, DINP, DIDP)	≤ 0.1 in total (DEHP, BBP, DBP)	Applicable when materials like coating agents or rubber or plastic was used
Flame Retardants		Do Not Use (TDBPP, Penta BDE, Octa BDE)		
Dimethyl Fumarate (mg/kg)		≤ 0.1		Applicable only on the leather part
Lead (mg/kg)		≤ 90 (≤ 300 mg/kg for metals)		Apply only to the part with components like coatings, printings, buttons
Allergic Dyes		Do Not Use (per each 22 materials in KS K 0736)		
pH		4.0 ~ 7.5		
Nickel Release($\mu\text{g}/\text{cm}^2/\text{week}$)		≤ 0.5		
Cords & Drawstrings		Conform to EN18462		
Small Parts for Decoration		Not to be detached	(NA)	- Applicable only when the product has a decorative small part which passes the

			<p>test 4.2(Small Part) of Section 2 in Annex 6(Toys)</p> <ul style="list-style-type: none"> - It has to pass the tensile test for decorative small part, which is 5.24.6 of Section 2, Annex 06(Toys). The requirement is $50\text{ N} \pm 2\text{ N}$. When tensile testing is not possible, it has to pass Colorfastness for Washing test of KS K ISO 6330('A' Washing Method)
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- ※ In textile part of the product, fillings, or a part not exceed 5 % of the surface area of the product do not need to conform to the requirements above. Exclude textile component of which the surface area size is not able to be measured, such as cord or string, when its weight is under 1% of product.
- ※ For textile product for children over 36months only, safety requirement of a subsidiary material can be deemed to be that of final product if the subsidiary material was used for the final product without additional treatment .

■ Marking/Labeling requirement

1. Fiber Content

- Shell fabric
- Lining fabric
- Filling(when applicable)

- ※ Fiber contents for Down products should be stated according to 'KS K 2620 4. Contents', % should be indicated per 'down', 'feather' and 'others' separately.

2. Name of Manufacturer or Importer

3. Country of Origin

4. Month & Year of Manufacture/Season of First sale/ Lot No.(Select one)

5. Size (recommended)

6. Care Instructions

7. Address and Phone number of discloser

- ※ In principle, information above must be provided in Korean. But English can be used for 'name of manufacture' or 'model name' when it's hard to indicate in Korean.

Leather Products for Children

■ Scope of Application

Leather products used by Children and Infants not older than 13 years of age, which is under the scope of "Common Safety Standard for Children's Product" above. Annex ① of Supplier's Confirmation of Conformity.

※ "Leather Product" : product with natural leather / Artificial leather / natural fur fabric part which occupies more than 60% of its surface

■ Kinds of Leather

Category	Definition
Natural Leather	This indicates 'hide' or 'skin' having their own fiber structure, made by tanning animal skin to prevent decomposition. It includes both 'grain leather' and 'split leather'; 'Grain leather' is created by separating upper part, which contains surface skin layer, from bottom part, which has reticular layer, before or after tanning. 'Split leather' means the remaining bottom layer after grain leather is separated.
Artificial Leather	A fabric chemically synthesized or natural leather chemically or physically treated over certain level, to substitute natural leather. Per its resource or treatment process, it is classified to coated leather, laminated leather, recombinant leather, synthetic leather.
Natural Fur	Animal Fur Fabric (including fur of mink, fox, rabbit, raccoon, chinchilla, etc.)

■ Regulated Items and Requirement

Items \ Category	For Infants	For Children	Note
Formaldehyde(mg/kg)	≤ 20	≤ 75	-
Pentachlorophenol (PCP)(mg/kg)	≤ 0.5	≤ 5.0	Not only the contents of PCP, but also that of total PCP compounds such as sodium salts. Can be skipped for synthetic leathers those are not processed tanning or disinfestation of insects and fungi
Chrome VI(mg/kg)	≤ 0.5	≤ 3.0	Can be skipped for synthetic leathers those are not processed tanning or disinfestation of insects and fungi
Dimethyl Fumarate (mg/kg)	≤ 0.1		Can be skipped for synthetic leathers those are not processed tanning or disinfestation of insects

				and fungi
Arylamine(mg/kg)		≤ 30 per each 24 materials in KS K 0147/0734		Applicable only when it's colored with pigment or dyes
Harmful Substance (mg/kg)	Lead	≤ 300 (≤ 90 for paint or surface coating)		Applicable when metal, rubber, plastic material was used/ coated/ printed
	Cadmium	≤ 75		
Organotin Compounds (mg/kg)	DBT (dibutyltin)	≤ 1.0	-	Applicable only when it has coating or printing (Not regard as "printing" when it's using 'dyes' but no 'resin' or 'pigment')
	TBT (tributyltin)	≤ 0.5	≤ 1.0	
Phthalates (%)		<p>- Products not intended to be put in children's mouth : total amount of DEHP, DBP, BBP ≤ 0.1</p> <p>- Products intended to be put in children's mouth: : total amount of DEHP, DBP, BBP, DINP, DIDP, DNOP ≤ 0.1</p>		<p>Applied when it's coated on synthetic resin materials, textiles and leather goods.</p> <p>※ Even if the intended use of the product is not to be put in mouth, when total amount of DEHP, DBP, BBP, DINP, DIDP, DNOP is more than 0.1, display mark stating “Warning! Do not put it in the mouth as could release phthalates”</p>
Nickel release (μg/cm ² /week)		≤ 0.5		-
Cords & Drawstrings		Conform to EN18462		-
Small Parts for Decoration		Not to be detached	(NA)	<p>- Applicable only when the product has a decorative small part which passes the test 4.2(Small Part) of Section 2 in Annex 6(Toys)</p> <p>- It has to pass the tensile test for decorative small part, which is 5.24.6 of Section 2, Annex 06(Toys). The requirement is 50 N ± 2 N. When tensile testing is not possible, it has to pass Colorfastness for Washing test of KS K ISO 6330('A' Washing Method)</p>

※ Leather part not exceed 5 % of the surface area of the product do not need to conform to the requirement above. Exclude leather component of which the size of surface area is not able to

be measured, when its weight is under 1% of product.

- ※ The textile part of the product should conform to the toxic chemical safety requirement in <Textile Product for Infant> of "Safety Confirmation" or <Textile Product for Children> of "Supplier's Confirmation of Conformity", according to its subjected age-range.
- ※ Scope of Safety requirement for Toxic Chemical for footwear is limited to shell, lining, insole.
(But for infant's footwear, whole product should be covered.)

■ Marking/Labeling requirement

1. Product Name: Leather Product

2. Names of Materials used

- Clothing : Shell & Lining
- Footwear: Shell & Insole

- ※ Sectional disclosure should be done in a way easily recognizable, and material used should be stated along together.

3. Name of Manufacturer

4. Name of Importer(if applicable)

5. Country of Origin

6. Month & Year of Manufacture

7. Address and Phone number of discloser

8. Size (recommended)

9. Care Instructions

- ※ In principle, information above must be provided in Korean. But English can be used for 'name of manufacture' or 'model name' when it's hard to indicate in Korean.

- ※ To notify consumer that this product conforms to the safety requirement, remark stating "This Product conforms to the Safety requirement for Toxic Chemicals" can be added in the mark/label.

- ※ Information above is provided sewn into garment or in ways of same effect with being sewn, as it should not be detached or erased even after washing or dry-cleaning. However, in cases of marking like this can disrupt using the product or defect appearance of the product - such as wallets, bags, belts, footwear etc. - paper tags, labels, stickers can be used to mark these information attached and legible until it is sold/transmitted to the end user. And when 2 or more products are to be sold in same product name, packaged as a unit (exclusive of case of top and bottom), quality marking can be disclosed on the surface of the minimum packing unit.

- ※ Marking & labeling for leather/ fur clothes can follow the requirement of "Textile Products for Children". But limit the fiber contents marking to the textile part only, and follow marking and care instruction for leather/fur fabric follows the requirement for leather product.