

# **Unofficial Translation**

## **Ministerial Notification**

**No. .... B.E. 2540 (1997)**

**Persuant to the Industrial Product Standards Act**

**B.E. 2511 (1968)**

**on Amendment to the Thai Industrial Standard for Toys Part 2 (Amendment No. 1)**

Whereas it is expedient to revise the Thai Industrial Standard (TIS) 685 Part 2 - 2530 (1987),

By virtue of Section 15 of the Industrial Product Standards Act B.E. 2511 (1968), the Minister of Industry issues the Notification concerning amendment to the Thai Industrial Standard for Toys Part 2 attached to the Ministerial Notification No. .... (B.E. 2530) dated ..... as follows :

1. The number of this standard should be amended from “TIS 685 Part 2 - 2530” to “TIS 685 Part 2 - 2540”.
2. Clauses 1.1 and 1.2 should be withdrawn and replaced by the following  
“1.1 This standard specifies packaging, labelling and testing of toys covered in the scope of TIS 685 Toys - Part 1 General requirements.”
3. Clause 3.1.1 should be withdrawn and replaced by the following  
“3.1.1 Packages made of flexible plastics
  - (1) Flexible plastics packaging for toys or bags or the part of other packaging materials, e.g. paper boxes shall have thickness of not less than 0.038 mm.  
Testing should be in accordance with ISO 4591.
  - (2) Plastic bags for toys shall have an opening perimeter greater than 380 mm and shall not have a draw-string or strap or cord as a means of closing.  
Measurement shall be performed by means of observation.
4. Clause 4.3 should be withdrawn.
5. Clause 4.4, “ 2.0 mm ” should be amended to “ 3.0 mm ”.
6. Clause 4.5, “ in a colour contrasting with ” should be amended to “ in a colour which is durable and in contrast with ”.
7. Clause 4.7.1.3 should be withdrawn and replaced by the following  
“4.7.1.3 Stationary toys and swings  
shall be accompanied by instructions drawing attention to the need to carry out regular check and maintenance of the main parts and components.”
8. Clause 4.7.1.4 should be withdrawn and replaced by the following  
“4.7.1.4 Projectile toys or projectile firing toys shall be accompanied by warning instructions for the hazards which may be caused in projectiles and the hazard of using inappropriate missiles or darts.”

Where the kinetic energy of projectile toys exceeds 0.08 Joule, the toys shall be labelled with a statement “ Do not fire at the hazardous distance ”.

9. Clause 4.7.1.5 should be withdrawn and replaced by the following  
“4.7.1.5 Toys which are faithful reproduction of protective equipment, e.g. safety helmets and eye protectors shall be labelled with a statement “ Does not provide such protection as the real equipment ” or “ Does not prevent ultra violet beam ”.
10. Clause 4.7.1.7, “ to be used in shallow water under the supervision of adults ” should be amended to “ to be used in shallow water in which the child is within its depth and under the supervision of an adult ”.
11. Clause 4.7.1.8 should be withdrawn and replaced by the following  
“4.7.1.11 Toys which are propelled by children, e.g. toy roller skates and toy skateboards should carry a label “ Protective equipment should be worn ”.
12. The following should be added as Clause 4.7.1.12, Clause 4.7.1.13 and Clause 4.7.1.14  
“4.7.1.12 Liquid filled teethingers shall be accompanied by the following instruction  
“ Cool only in a domestic refrigerator, do not place in the freezer compartment ”.  
4.7.1.13 Toys which are strung across a cradle, cot or perambulator by means of strings, cords, elastics or straps shall bear the following warning :  
“ Warning! To prevent possible injury by entanglement, remove this toy when the child begins to push up on hands and knees ”.  
“4.7.1.14 Percussion caps specifically designed for use in toys shall carry the following warning :  
“ Do not fire near eyes or ears. Do not carry caps loose in a pocket or near the heat ”.
13. Clause 4.7.2, “350 mm” should be amended to “380 mm”.
14. Clause 4.8 should be withdrawn and replaced by the following  
“4.8 Instructions for use  
The following toys shall bear instructions for use  
4.8.1 Toys which incorporate functional sharp points or sharp edges  
4.8.2 Projectile toys or projectile firing toys  
4.8.3 Glue and /or solvent used for toys.

As from .....

On .....

Minister of Industry

Thai Industrial Standard  
for  
Toys  
Part 2 : Packages and labelling

## 1. Scope

- 1.1 This standard specifies packaging and labelling for toys and inspection.
- 1.2 This standard covers all toys and includes parts and accessories, except the following :
  - 1.2.1 Decoration strips and materials such as coloured paper, silver strips and gold strips
  - 1.2.2 Sports equipment
  - 1.2.3 Aquatic equipment intended to be used in deep water and large enough to support a child such as boats, rafts
  - 1.2.4 Rockets, firecrackers and fireworks
  - 1.2.5 Scale models intended for collection
  - 1.2.6 Pedal bicycles for normal road use
  - 1.2.7 Chemistry sets

## 2. Definitions

For the purpose of this standard, the following definitions apply :

- 2.1 TOY : Any object designed or manufactured as a plaything for children.
- 2.2 CHILDREN : Persons not over 14 years of age.
- 2.3 FLOATATION TOYS : Toys which are designed to provide buoyancy, swimming aids and other toys used in water.

## 3. Packaging

- 3.1 Toy packaging shall be of adequate strength to provide protection for toys against damage during transportation.
  - 3.1.1 Packages made of flexible plastics  
Where the flexible plastics packaging is in the form of wrapping or in the form of a bag or the part of other packaging materials, e.g. paper box, the plastics shall be not less than 0.038 mm thick.  
Measurement shall comply with ISO 4591.
  - 3.1.2 Packages in the form of box or having means of closing  
These shall open easily and be free from any materials that will present any hazards.

## 4. Labelling

- 4.1 On every toy or toy package manufactured and distributed in country, there shall be at least number, letter or mark indicating clearly and legibly the following information.
  - (1) Name of manufacturer, factory or registered trade mark, or name of distributor and address
  - (2) Age grading or highest age of the age range in clause 4.6
  - (3) Caution in clause 4.7
  - (4) Instructions for use in clause 4.8
  - (5) Country of origin

- 4.2 On every toy or toy packaging imported and distributed in the country, there shall be at least number, letter, or mark indicating clearly and legibly the following information.
- (1) Name of importer, distributor and address
  - (2) Age grading or highest age of the age range in clause 4.6
  - (3) Caution in clause 4.7
  - (4) Instructions for use in clause 4.8
  - (5) Country of origin
- 4.3 In the case of exported toys, labelling shall be as agreed between the supplier and the purchaser.
- 4.4 Number and letter shall be not less than 1.0 mm high, except the numbers and letters specified in clauses 4.1(2), 4.1(3), 4.2(2) and 4.2(3) which shall be not less than 2.0 mm high.
- 4.5 The colour of information specified in clauses 4.1(2), 4.1(3), 4.2(2) and 4.2(3) shall be legibly labelled in a colour contrasting with the colour of the primary display panel.
- 4.6 Age grading of toys
- 4.6.1 Toy which might be dangerous for children under three years of age, except toys specified in clause 4.6.2, shall be labelled with a statement "Not suitable for children under three years as it may cause injury".
  - 4.6.2 Glue and/or solvent used with the toys shall be labelled with a statement "Not suitable for children under 10 years".
- 4.7 Caution
- 4.7.1 Toys that incorporate function that might be dangerous, shall be labelled with the word "Caution" and followed by the instruction drawing attention to the potential hazards.
    - 4.7.1.1 Toy provided with functional sharp points or sharp edges  
Attention shall be drawn to the potential hazards of such points and edges.
    - 4.7.1.2 Toys which a child can enter and made of thermoplastics shall be labelled with a statement "Keep away from fire".
    - 4.7.1.3 Swings shall be accompanied by instruction which shall draw attention to the need to check regularly and maintenance of the main parts and components.
    - 4.7.1.4 Projectiles in the form of a shaft shall be accompanied by instructions for use which shall drawn attention to danger of firing the projectiles at point blank range.
    - 4.7.1.5 Imitation protective equipment, e.g. safety helmets, eye-protectors shall be labelled with a statement "Does not provide protection in the event of an accident".
    - 4.7.1.6 Kites and other flying toys having a hand-held line that is 3 mm or more in length shall be labelled with a statement "Do not use near overhead power lines".
    - 4.7.1.7 Aquatic toys shall be labelled with a statement "Only to be used in water in which the child is within its depth and under supervision".  
In the case of inflatable toys this marking shall be no more than 100 mm from one of the valves.
    - 4.7.1.8 Toys intended to be used for educational purpose that fulfil the same functions as the corresponding model for domestic use and which contain fuel or other heat sources such as iron, cooker, microwave, shall be labelled with a statement "Used only with adult supervision".
    - 4.7.1.9 Toy that supplies fuel  
Where fuel is supplied with toys, a cautionary warning shall be drawn to the potential hazards that may be presented in use or storage.
    - 4.7.1.10 Glue and/or solvent used with toys  
Attention shall be drawn to the potential hazards.
  - 4.7.2 A plastics bag having an opening with a circumference over 350 mm and a depth over 130 mm shall be labelled with a statement "Do not enclose the plastics bag over the head".
- 4.8 Instructions for use  
The following toys shall be labelled with the instructions for use.

- 4.8.1 Toy provided with functional sharp points or functional sharp edges
- 4.8.2 Projectiles in the form of a shaft
- 4.8.3 Toys intended to be used for educational purpose that fulfil the same functions as the corresponding model for domestic use and which contain fuel or other heat sources
- 4.8.4 Glue and/or solvent used with toys

## **5. Inspection**

- 5.1 Unless otherwise specified, compliance with all the requirements of this standard shall be checked by visual inspection.