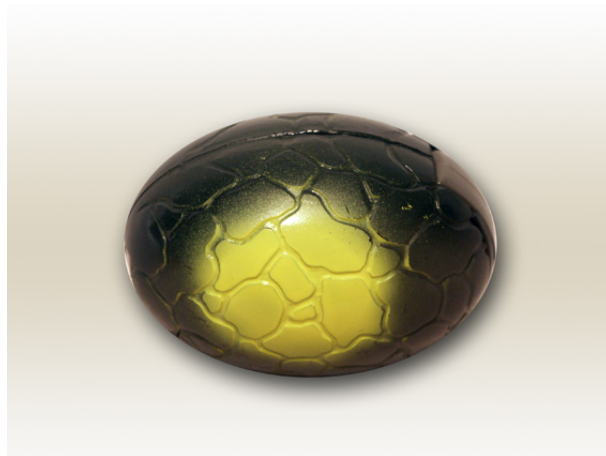


Report 2006:6

Small balls

Market surveillance of spherical, ovoid
and ellipsoidal toys



Contents

Summary.....	3
Background.....	3
Pictures of the different shapes.....	4
Safety requirements	5
Procurement.....	7
Testing	7
Results	7
Conclusions	9
<i>Appendix 1</i> Pictures of toys that do not fulfil the safety requirements.....	
<i>Appendix 2</i> Table of the toys tested	
<i>Appendix 3</i> The Toys Act and CE-marking: the Product Safety Act	
<i>Appendix 4</i> Extract from the Official Journal	
<i>Appendix 5</i> Injury statistics from the USA	

Project leaders: Åsa Lindquist, Thomas Carlsson

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Market surveillance of round, spherical, ovoid and ellipsoidal toys.

Report 2006:6

ISBN

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Summary

The Swedish Consumer Agency is the surveillance authority for compliance with the Act Concerning the Safety of Toys and with the Product Safety Act. In the spring of 2005, the Agency therefore carried out a surveillance inspection of round, egg-shaped and oval toys available on the market.

Small balls and other round toys can suffocate children by blocking the airflow through the mouth if the child puts one in his/her mouth. Since 1988, about 300 potential such suffocation cases have been recorded in the USA, with about 51 of them resulting in deaths (see Appendix 5). In Europe, we know of a death in Norway and another fatality, caused by a Swedish-manufactured toy.

This market surveillance inspection was carried out in order to see whether small balls on the Swedish market comply with the relevant safety requirements in respect of size and marking. Toys that are spherical ovoid or ellipsoidal, and with a diameter less than 44.5 mm, must display a warning that they are not suitable for children under the age of three. If the toy is actually intended for children under three, it is *de facto* banned from sale in Sweden at all. The diameter of 44.5 mm is about that of a golf ball.

38 toys were tested, and 19 of them were found not to fulfil the safety requirements, in that they lacked the required warning text. (Appendix 1 shows pictures of the toys.) Some of the toys had no warning text or information at all, while others lacked the phrase stating how they could be dangerous and/ or lacked the CE-symbol and manufacturer's/importer's name. Some of the toys did have warning texts, but it was so small that it was difficult to read.

Background

EN 71-1:1998 sets out the detailed minimum requirements that a toy must fulfil in order to be regarded as safe under the terms of the Safety of Toys Act. Swedish and European safety regulations for toys contains special requirements in respect of toys intended for children under the age of three.

After the suffocation accidents involving round toys that were, in fact, larger than the test cylinder, the requirements in respect of such toys have been tightened up. The particular requirement concerning them can be found in EN 71-1:1998 /A8: 2003, which was issued on 2003-11-07.

This surveillance inspection operation, carried out about a year later, was intended to find out whether the requirement was being fulfilled.

Pictures of the various shapes



Figure 1 Spherical toy

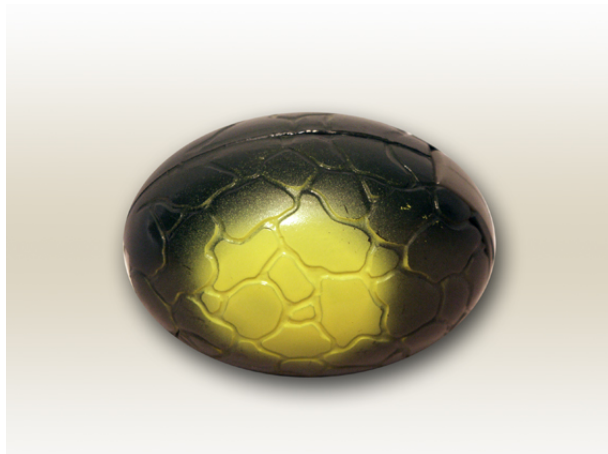


Figure 2 Ellipsoidal toy.



Figure 3 Ovoid toy

Safety requirements in respect of small balls

EN 71-1: 1998 sets out detailed regulations concerning the safety of toys intended for children under the age of three. Parts that are so small that they fit into the test cylinder (see Figure 4) may not be loose or separate, or come loose if (for example) pulled. The risk with small parts is that they can fasten in the trachea and suffocate the child.

Amendment EN 71-1: 1998/A8: 2003 includes further requirements. It only addresses the risks caused by ‘small balls’ (as defined in the standard as spherical, ovoid or ellipsoidal object) “that are designed to be thrown, hit, kicked, dropped or bounced”. Such toys must be sufficiently large to ensure that they cannot pass through template E, which is 44.5 mm in diameter (see Figure 5). Toys that do pass through the template may not be sold if they are intended for children under the age of three.

If the toys are intended for children over the age of three, they must display a warning text indicating that they are not suitable for children under the age of three. This text must be easy to read, and must in Sweden be in Swedish.

The risk of small balls is that they can block airflow through the mouth if a child should put them in his/her mouth. In addition, by virtue of their shape, it is extremely difficult to remove any round objects from a child’s mouth if they should lodge at the back of the mouth. 44.5 mm diameter is approximately that of a golf ball.

The EU Commission is not entirely satisfied with the standards that have been issued, intended to cover the risk of spherical ovoid or ellipsoidal toys. The standard looks at the function of the toy, but it is actually its shape that creates the risk of suffocation. If a toy is not covered by the definition in the standard of “spherical ovoid or ellipsoidal objects intended to be thrown, hit, kicked, dropped or bounced”, the Commission is of the opinion that the toy must be type-approved in accordance with requirements in the Toys Directive (Item 10). (See also the note in Appendix 4). This means that a notified laboratory must decide whether the rounded toy does not present any risk of suffocation, despite the fact that it passes through the template E.



Figure 4 Round ball that does not fit in the 32 mm diameter test cylinder.



Figure 5 Round ball that passes through the 44.5 mm diameter template E

Procurement

61 toys were purchased by consumer advisors in 14 local areas. 15 of them were judged to be other types of toys than those covered by the requirements for round or oval toys, and eight were duplicates, which meant that 38 small balls remained for testing. The municipalities in which the balls were purchased were Borås, Gothenburg, Huddinge, Härnösand, Kristinehamn, Karlstad, Luleå, Motala, Nybro, Skellefteå, Sollefteå, Umeå, Västerås and Östersund. Some of the balls were purchased in hypermarkets, but most were purchased in toyshops.

B	Borås	Gö	Gothenburg	Hu	Huddinge
Ks	Karlstad	Kr	Kristinehamn	Ma	Malung
Lu	Luleå	Mo	Motala	Nyb	Nybro
Sk	Skellefteå	So	Sollefteå	Um	Umeå
Vå	Västerås	Ös	Östersund		

Table 1 Abbreviations of the names of the municipalities in which the purchases were made.

Testing

The 38 small balls were tested in April 2005 by the Swedish Consumer Agency's TESTLAB in accordance with SS-EN 71-1:1998 and SS-EN 71-1/A8, Toys-Safety regulations –Mechanical and physical properties. They were tested with respect to size (Template E) and the required warning texts in accordance with EN71/A8. CE-marking and information on the manufacturer/importer was also checked. The detailed test report from TESTLAB is no. R-10985, revision 3.

Results

No toy was found that was obviously intended only for children under three, which would therefore have been illegal to sell.

Of the 38 tested toys, 19 did not fulfil the requirements in respect of safety (correct warning text). One of them fulfilled the size requirement, but had no CE-marking.

Three of the toys were not clearly of the type covered by assessment in this market surveillance operation. They will be inspected in respect of compliance with some other test format.

Toys which did not fulfil the requirements:

- Plastic ball from Tiimari (B5) does not meet the size requirement and has no warning information.
- Wobbling Golf ball (Crazy Golf Ball) from Leco (Hä1) does not meet the size requirement and does not display the complete warning information (the indication of the specific hazard is missing).
- Bouncy ball from Alrico (Hä5) does not meet the size requirement and has no warning information.
- Bouncy ball from Ahlberg Dollarstore (Hä6) does not meet the size requirement and has no warning information.
- Bouncy ball from Tilda Toys (Kr3) does not meet the size requirement and has no warning information.
- Three bouncy balls in a bag (Kr3b) do not meet the size requirement and have no warning information.
- Transformer Dino-Egg Leklandet Kristinehamn (Kr6) does not meet the size requirement and has no warning information.
- Ball catcher from Interagentur AB (Kr7) does not meet the size requirement and has no information on the importer.
- Bouncy balls, 5-pack, from Nordic Business Association (KR8) do not meet the size requirement and have no warning information.
- Fun-Time bouncy balls from BRIO (Ny3) do not meet the size requirement and does not display the complete warning information (the indication of the specific hazard is missing).
- Bouncy ball from Robe Toy (Ny5) does not meet the size requirement and has no warning information.
- Multicoloured bouncy ball from Interagentur (Sk2) does not meet the size requirement and has no warning information.
- Shopping basket, including an egg from Sun Toy (Sk3, Um5), does not meet the size requirement and has no warning information.
- Two-coloured egg from Grossistservice (Sk4, So2, Ös1, Hä3) does not meet the size requirement and has no warning information.
- Bouncy ball from Alrico (So11) does not meet the size requirement and has no warning information.
- Squeeze Waterball from Grossistservice (So13) meets the size requirement, but has no CE-mark or importer's/manufacturer's address.
- Bouncy ball from Tilda Toys (Um4) does not meet the size requirement and has no warning information.
- Bouncy ball from Tilda Toys (Vå2) does not meet the size requirement and has no warning information.
- Bouncy ball from BRIO (Vå3) does not meet the size requirement and has no warning information.

(See Appendix 1 for pictures of the toys.)

Conclusions

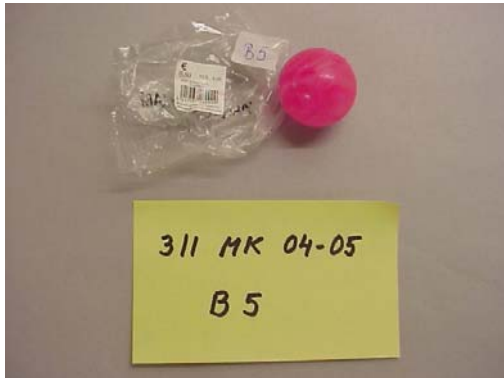
The inspection has shown that spherical ovoid or ellipsoidal toys are on sale that do not meet the size requirement and which lack the warning information text required by the standard. Despite the fact that most of the toys were purchased in ordinary toyshops, they did not meet the requirements.

Many toys still have warning text that is too small. Several attempt to provide the text in about a dozen different languages, which means that it is difficult to find the Swedish text.

Almost half of the toys that we tested did not fulfil the safety requirements. It is not acceptable that so many toys that carry a risk of suffocation should be sold without warning text. Most of the toys were CE-marked, which means that the manufacturer guarantees that the safety requirements are fulfilled.

The investigation found a number of toy eggs and ellipsoidal toys that were not covered by the definition. Our assessment is that the risk presented by them, together with the fact that they are intended for small children, means that immediate steps must be taken. Information on this aspect has been sent to the European Commission via the Rapex system. When the Swedish Consumer Agency required that the eggs should either be CE-type-approved, or should display warning text, the importers elected to apply the warning text.

Pictures of tested toys that do not meet the safety requirements



Plastic ball from Tiimari (B5) does not meet the size requirement and has no warning information.

+Ks2



Wobbling Golfball from Leco (Hä1) does not meet the size requirement and does not display the complete warning information (the indication of the specific hazard is missing).



Bouncy ball from Alrico (Hä5) does not meet the size requirement and has no warning information.



Bouncy ball from Ahlberg Dollar-store (Hä6) does not meet the size requirement and has no warning information.



Bouncy ball from Tilda Toys (Kr3) does not meet the size requirement and has no warning information.



3 bouncy balls in a bag (Kr 3b) do not meet the size requirement and have no warning information.



Transformer Dino-Egg Leklandet (Kr6) does not meet the size requirement and has no warning information

Kr6



Ball cather from Interagenturer AB (Kr7) does not meet the size requirement and has no information on its importer.



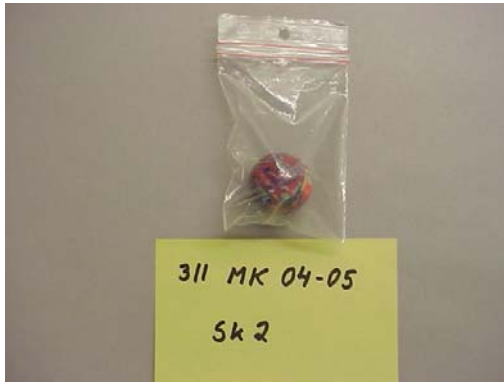
Bouncy ball, 5-pack from Nordic Business Association (Kr8) does not meet the size requirement and has no warning information.



Fun-Time bouncy balls from BRIO (Ny3) do not meet the size requirement and does not display the complete warning information (the indication of the specific hazard is missing).



Bouncy ball from Robe Toy (Ny5) does not meet the size requirement and has no warning information.



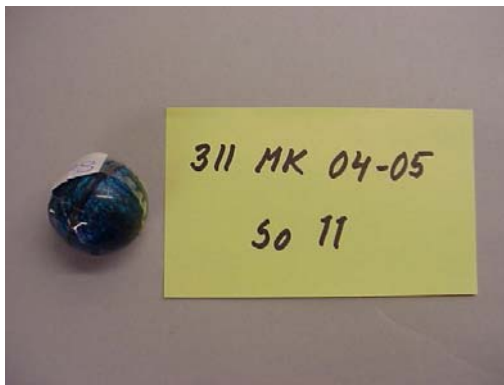
Multicolour bouncy ball from Inter-agenturer (Sk2) does not meet the size requirement and has no warning information.



Basket, including an egg, from Sun Toy (Sk3, Um5) does not meet the size requirement and has no warning information.

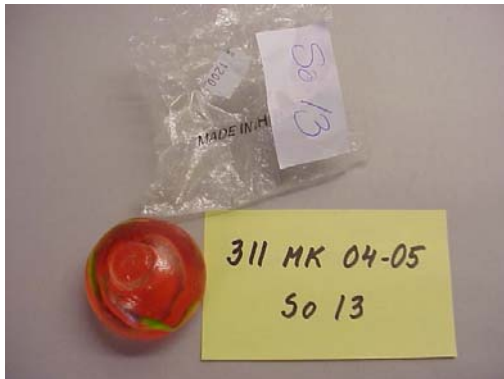


Two-colour egg from Grossistservice (Sk4, So2, Ös1, Hä3) does not meet the size requirement and has no warning information.

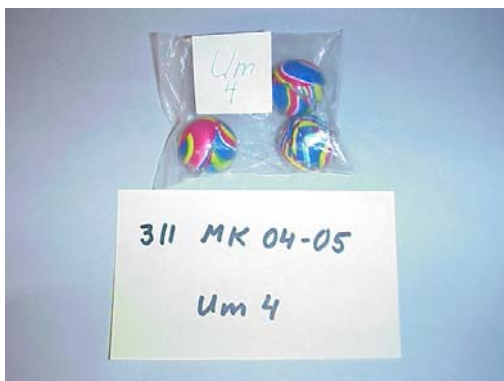


Bouncy ball from Alrico (So11) does not meet the size requirement and has no warning information.

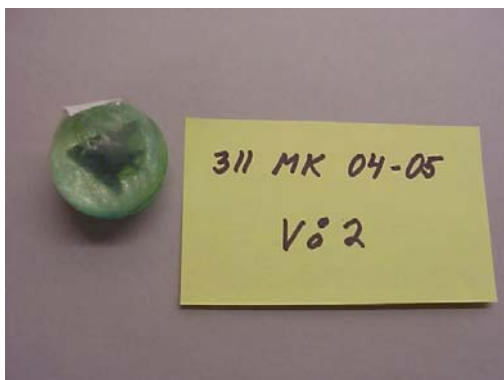
+ Sk4, So2 and Ös1



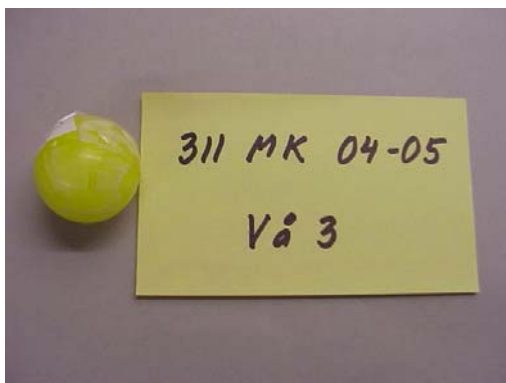
Squeeze Waterball from Grossistser-vice (So13) does meet the size requirement, but has no CE-mark or manufacturer's/importer's name and address.



Bouncy ball from Tilda Toys (Um4) does not meet the size requirement and has no warning information.



Bouncy ball from Tilda Toys (Vå2) does not meet the size requirement and has no warning information.



Bouncy ball from BRIO (Vå3) does not meet the size requirement and has no warning information.

Table of the toys tested

Appendix 2

Code	Product	Importer	Retailer	Fulfills template E	Fulfills the warning text	Fulfills CE and address	Dnr
B1	Bollastic Gun with plastic balls	Coop Sverige, Box 15200, 104 65 Stockholm	Coop Forum, Borås	No	Yes	Yes	
B5 Ks2	Superballo, pink plastic ball	Tiimari Oy, Hapalankatu 1 15240 Lahti Finland	Tiimari Borås Karlstad	No	No	No	2005/3005
G1	Diamond bouncing putty	Top-Toy AS Danmark		Yes	Yes	Yes	
G3	Glass marbles	Top-Toy AS Danmark		No	Yes	Yes	
Hu 2 G 2 Vå 4	Eggs, 2 st Bouncing egg	Top-Toy AS Danmark	Toy's r us Huddinge Västerås	No	Yes	Yes	
Hu 3	Modern bouncing ball	Coop AB	Coop Extra Huddinge	No	Yes	Yes	
Hä 1	Wobbling Golf ball	Leco AB 035-70265 Simlångsdalen	Prisma Lek o Barnvagnar Härnösand	No	No Indication of specific hazard is missing.	Yes	2005/3011
Hä 2	Clown Nose	Leco AB 035-70265 Simlångsdalen,	Prisma Lek o Barnvagnar Härnösand	No	No	No	
Hä 5	Bouncing ball	Alrico Box 358, 871 27 Härnösand	Prisma Lek o Barnvagnar Härnösand	No	No	No	2005/3006
Hä 6	Bouncing ball	Ahlberg Dollarstore AB Terminalv 5 861 36 Timrå	Dollarstore Härnösand	No	No	No	2005/3013
Hä 8	Doll strawberry scented with round shaped accessories	Brio Playmix 283 83 Osby	Prisma Lek o Barnvagnar Härnösand	No	Yes	Yes	

Code	Product	Importer	Retailer	Fulfills template E	Fulfills the warning text	Fulfills CE and address	Dnr
Kr1	Supermario Chocolate egg	Supplier Not known	Leklandet Kristinehamn	No	Yes (small text)	No	
Kr3	Bouncing ball	Tilda Toys Mejselgatan 10a 235 32 Vellinge	Leklandet Kristinehamn	No	No	No	2005/3010
Kr3b	3 bouncing balls in a bag	Supplier Not kNown	Leklandet Kristinehamn	No	No	Yes Address missing	2005/3008
Kr4	Bowling set	Sun Toy Box 235 Sunne	Leklandet Kristinehamn	No	Yes	Yes	
Kr6	Transformer Dino-Eggs	Leverantör okänd	Rubb o Stubb Kristinehamn	No	No	No	2005/3007
Kr7	Ball catcher	Inter Agenturer AB Box 8150 58008 Linköping	Rubb o Stubb Kristinehamn	No	No	Yes Address missing	2005/3012
Kr8	Bouncing balls 5-pack	Nordic Business Association Box 136 450 73 Rabbalshede	Rubb o Stubb Kristinehamn	No	No	No	2005/3007
Ks 1	Hi Bouncing Putty	Tiimari Oyj, Haapalank 1,1 52 40 Lahti, Finland	Tiimari, Karlstad.	No	Yes (liten text)	Yes	
Lu4	Small bouncing ball	Tiimari OY Finlad Tel 003583812911	Tiimari Luleå	No	Yes	Yes	
Hä 4 Mo2	Bouncing Putty in an egg	Sun Toy, Box 235, Sunne	Prisma Lek Härnösand, Briobotiken Motala	No	Yes	Yes	
Ny 3	Fun-Time bouncing balls	Brio Osby	Briobotiken Nybro	No	No Indication of specific hazard is missing.	Yes Address missing	2005/3009
Ny5	Bouncing ball	Robe Toy Lilla Marieholm	Up To 12 barnkläder & present	No	No	No	2005/3015
SK2	Small bouncing ball	Inter Agenturer AB Box 8150 58008 Linköping	Lek & Hobby Skellefteå	No	No	No	2005/30012

Code	Product	Importer	Retailer	Fulfills template E	Fulfills the warning text	Fulfills CE and address	Dnr
SK3 Um5	Toy foodstuff with an egg	Sun Toy AB Box 235 686 25 Sunne	Barnens Hus Skellefteå	No	No	Yes	2005/2883
SK4 So 2 Ös 1 Hä 3	Two tone putty eggs with bouncing putty	Grossistservice Solna Box 1430 171 27 Solna	Lek o Hobby All Sport Lekstugan Prisma Lek	No	No	No	2005/3006
So 6	Clown Nose by foam rubber	Krabat & Co. Po 1320 116 22 Stockholm	Prinsar & Prinsessor Sollefteå.	Yes	Not suitable	No	
So 8	Musical instrument egg maracas	Krabat & Co Po 1320 116 22 Stockholm	Prinsar & Prinsessor Sollefteå	No	No	No	
So 11	Bouncing ball	Alrico Varvsgatan 871 42 Härnösand (Grossistservice)	Gahlns Pysselhörna Sollefteå	No	No	No	2005/3006
So 13	"Squeeze Water ball"	Grossistservice Box 1430 17127 Solna	Gahlns Pysselhörna Sollefteå	Yes	Not suitable	No	2005/3014
So 15	"Imitation egg", egg by plastic	Leco AB 31038 Simlångsdalen	Gahlns Sollefteå	Yes	Not suitable	Yes	
Um2	Bouncing putty	Åhléns	Åhléns Umeå	No	Yes	Yes	
Um4	Bouncing ball	Tilda Toys, Malmö	Lekbiten Umeå,	No	No	No	2005/3010
Um7	Bouncing putty	Suntoy Box 235 686 25 Sunne	Barnens Hus Umeå	No	Yes (small text)	Yes	
Um8	Key-ring with ball	Check Mate Lundberg Agenturer Göteborg	Barnens Hus Umeå	No	No	No	
Vå 2	Bouncing ball green	Tilda Toys AB Mejselgatan 10 A 235 32 Vellinge	Barnens Hus, Västerås	No	No	No	2005/3010
Vå 3	Bouncing ball yellow	Brio AB 283 83 Osby	Barnens Hus, Västerås	No	No	No	2005/3009
Ös 2	Bouncing ball	Åhlens AB	Åhléns Östersund	No	Yes	Yes	

The Toy Safety Act and the mark

Special safety requirements apply for toys in accordance with the Toy Safety Act, a government directive, and the guidelines defined by the Swedish Consumer Agency (KOV). The legislation for this is based on a direct translation of the EU Directives pertaining to the safety of toys (88/378/EEG). A toy may only be sold if it fulfils the demands made in law regarding safety, information and marking. If a toy is manufactured in full compliance with the European standard for toy safety, then it is also considered to have fulfilled the Toy Safety Act. However, should the manufacturer chose not to make the toy in accordance with the legislation or in complete compliance with the standard, the toy must be type-approved by a third party (a so called Registered Body).

The Swedish Consumer Agency can, supported by the Product Safety Act, take action should a toy fail to fulfil the safety regulations, even if the toy lives up to the requirements of the standard or if it has been type-approved. In this instance the requirements of the standard may have been set too low, or an application of the standard or regulations has not been established.

If a toy is to fulfil the requirements of the Toy Safety Act, then it must carry the  symbol. The manufacturer (or the importer/representative) has the right to use the  symbol in a process commonly termed self-certification. Through this action, the manufacturer, thereby, confirms that the toy has been made in accordance with the relevant safety requirements.

Toys that do not carry the  symbol may not be sold. It is also against the law to sell a  marked product that does not fulfil the requirements of the act with regard to safety, information and marking.

As many consumers regard the  symbol as a sign of quality, which indicates that a toy has been tested and declared safe, then it can be very misleading if it is displayed on a toy that fails to fulfil the requirements of the standard.

A retailer who breaks the law by selling toys that do not fulfil the requirements as stated in the standard can be tried in a court of law and fined or sent to prison for a maximum sentence of one year. This applies irrespective of whether the retailer acts intentionally or unintentionally. Responsibility for taking legal action resides with the Swedish Consumer Agency.



The Product Safety Act

The Swedish Product Safety Act transposes the General Product Safety Directive of the European Union (2001/95/EC).

If a product that is sold in the open market does not fulfil relevant safety legislation and does not comply with the demands as stated in the standard, then the company responsible for that product should, in accordance with the Product Safety Act, take any actions necessary to increase safety. The company can, for example, be ordered by the enforcement authority to cease sales of a particular product. Non-compliance will result in a fine being imposed. The company can also be ordered to recall products that have already been sold. Recalls can be made either from the retailer or from consumers. Information about recalls is usually published in newspapers to ensure that, as many people as possible are aware that the item should be returned. The company can also be ordered to include a warning text or other safety information with the product.

If a company is made aware that a product or service, which it provides or has provided, is unsafe, the company must report this to the Swedish Consumer Agency or to another relevant authority.

Commission Communication in the framework of the implementation of Council Directive 88/378/EEC of 3 May 1998 concerning the approximation of the laws of the Member States on the safety of toys ⁽¹⁾

(2003/C 297/05)

(Text with EEA relevance)

(Publication of titles and references of European harmonised standards under Directive 88/378/EEC)

ESO ⁽¹⁾	Reference	Title of the standard and reference document	Reference of the superseded standard	Date of cessation of presumption of conformity of the superseded standard	Date of first publication
CEN	EN 71-1:1998	Safety of toys -- Part 1: Mechanical and physical properties	EN 71-1:1988 ⁽²⁾	31.1.2001	28.7.1999 ⁽³⁾
CEN	EN 71-1:1998/A5:2000	Safety of toys — Part 1: Mechanical and physical properties — Amendment 5	EN 71-1:1998, clauses 3.7, 4.4, 4.15.1.4, 4.16, 5.4, 7.18, 8.2, 8.4.2.2, 8.11.3, 8.15, 8.17, 8.26.2.2, C.5, C.10, C.30, C.32.	31.5.2001	14.9.2001 ⁽⁴⁾
CEN	EN 71-1:1998/A1:2001	Safety of toys — Part 1: Mechanical and physical properties — Amendment 1	EN 71-1:1998, clauses 4.15.1, 7.11, C.19	31.7.2001	14.9.2001 ⁽⁵⁾
CEN	EN 71-1:1998/A2:2002	Safety of toys — Part 1: Mechanical and physical properties — Amendment 2	EN 71-1:1998, clauses 4.20, 7.8, 8.31.2.4	31.8.2002	8.8.2002 ⁽⁶⁾
CEN	EN 71-1:1998/A6:2002	Safety of toys — Part 1: Mechanical and physical properties — Amendment 6	EN 71-1:1998, clauses 1, 4.17, C.23	30.9.2002	8.8.2002 ⁽⁷⁾
CEN	EN 71-1:1998/A7:2002	Safety of toys — Part 1: Mechanical and physical properties — Amendment 7	EN 71-1:1998, clauses 4.14.1, 8.41, 8.41.1, 8.41.2, C.17	30.11.2002	8.8.2002 ⁽⁸⁾
CEN	EN 71-1:1998/A8:2003	Safety of toys — Part 1: Mechanical and physical properties — Amendment 8	EN 71-1:1998, clauses 3.xx, 4.22, 5.11, 5.12, 7.19, 8.34, 8.35, C.49	31.3.2004	This is the first publication

Notice: The standard EN 71-1:1998/A8:2003 only addresses the risks caused by 'small balls' (as defined in the standard as 'spherical, ovoid, or ellipsoidal object') that are designed to be thrown, hit, kicked, dropped or bounced. The risks covered by small balls are linked to their shape and not to their function. Toys containing small balls which are not covered by the standard shall undergo an EC type-examination certificate before placed on the market.

In accordance with the Commission Decision of 30 July 2001 ⁽⁹⁾, clause 4.20(d) of EN 71-1:1998, concerning the C-weighted peak emission sound pressure level produced by a toy using percussion caps, grants presumption of conformity only as from 1 August 2001.

CEN	EN 71-2:2003	Safety of toys — Part 2: Flammability	EN 71-2:1993	31.3.2004	This is the first publication
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OJ 187, 16.7.1988.

Injury statistics from the USA

51 deaths caused by small balls, children 0-14, in the injury statistics from the USA for the period 1995-2003.

(Shaded lines represent duplicates.)

docno (NEISS: key)	taskno	age	dtacc	dis	sex	narr1-12	Prod1	Prod2	state	city	source (invest)	spec	source	cnt
X0020370A	991215HEP9003	217	1999-12-10	8	1	1 a 17 month old male died of airway obstruction asphyxia in a playpen after he choked on or swallowed a miniature pool ball that lodged in the back of his throat.	1392	1513	IL	Peoria		ball	incid	1
H99B0257A	991202CCCC3050	210	1999-10-03	8	2	2 a 10 month old female choked on a toy "fooz" ball. the victim's father saw her put the ball in her mouth. he rushed to her which caused her to swallow the ball, and it lodged in her throat. she died 2 days later from complications due to asphyxia.	5004		CA	Murrieta	21	ball	invest	1
X9983047A	990924CCC3500	4	1999-07-27	8	1	1 a boy, age 4, died from asphyxia suffocation when he choked on a small toy ball. 99-05136	1392	0	CA	Los Angeles		ball	incid	1
X9983047A	990924CCC3500	4	1999-07-27	8	1	1 a 4 year old male choked on a super ball while playing with it and died of asphyxia about 18 hours later.	5004	0	CA	Pacoima	32	ball	invest	0
C0220013A	990211CNE5095) 020308HCC1380	7	1999-01-30	8	1	1 a 7-year-old boy died when he choked on a ball.	5004	0	NY	Yonkers	21	ball	invest	1
N9920188A	990211CNE5095	7	1999-01-30	8	1	1 a seven year old male choked to death after he ingested a 1.75 inch diameter rubber ball. medical personnel were not able to remove the ball from the child's throat.	5004	0	NY	Yonkers	20	ball	invest	1
G9850042A	980519CCCC5576	218	1998-04-28	8	1	1 a boy, age 18 months, died after he choked to death when he swallowed a small rubber ball while playing with other children.	1392	0	AA	Inez		ball	incid	1
F97C0076A	971125CBB3438	7	1997-11-13	8	2	2 7 year old girl choked on a ball-shaped toy that came with a children's meal of a fast food restaurant. she died a day later.	5004	0	TX	Houston		ball	incid	1
X97B0929A	971125CBB3438	7	1997-11-13	8	2	2 a girl, age 7, died several hours after she choked on a 1 inch diameter ball toy that came with food from a restaurant.	5004	0	TX	Houston		ball	incid	0
F94A5009A	941017CWE5010	4	1994-09-28	8	1	1 a 4 year old male choked to death on a small rubber ball while waiting to be seated at a restaurant.	1392	0	NV	Reno		ball	incid	1
X9496070A	940914HCC3189	209	1994-08-23	8	2	2 a 9 month old female died after choking on a rubber ball.	1392	0	CA	Stanton		ball	incid	1
X9496070A	940914HCC3189	209	1994-08-20	8	2	2 a nine month old female died when she choked on a small, hard rubber ball. the victim's father thought that the ball might have been brought into the home by other children living there.	3236	0	CA	Stanton	32	ball	invest	0
X9464403A	940624HCC3157	205	1988-07-08	8	1	1 a healthy and active five month old male choked on a 1"-1-1/2" diameter rubber "jack" type ball which was allegedly placed in his mouth by his two year old brother. victim died january 13, 1993 of bilateral bronchopneumonia, due to hypoxic encephalopathy, clinical, due to status post mechanical asphyxiation.	3236	0	CA	Santa Ana	32	ball	invest	1
G93C0078A	940114HCC2047	2	1993-01-01	8	2	2 a 2 year old female choked to death on a promotional toy ball.	1392	0	OH	Parma Heights		ball	incid	1

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X93C1497A	931229HCC3035	2	1993-11-28	8	1	a 2 year old male died after choking on a acorn shaped gun ball machine prize plastic container.	1123	0	CA	Mercid		ball	incid	1
9306003088	931210HCC3028	4	1993-01-13	8	1	the 4 year old male victim choked on a rubber ball in july, 1988. this incident left him with an hypoxic injury to the brain which caused cerebral palsy. the victim was retarded this condition causedthe victim to be unable to overcome the pneumonia he developed and died of on january 13, 1993. information relayed by the deputy coroner.	3236	0	CA	Santa Ana	14	ball	invest	1
X9397464A	931210HCC3027	12	1993-05-02	8	0	a 12 year old died after choking on a rubber ball.	5004	0	CA	Los Angeles		ball	incid	1
X9397464A	931210HCC3027	12	1993-05-02	8	2	the 12 year old female victim died of asphyxiation when she choked ona rubber ball. she suffered from multiple schlenosis and had a habitof putting objects in her mouth. the day of her death she had been left alone playing in her room.	3236	0	CA	Los Angeles	32	ball	invest	0
9148050805	920109HCC0069	209	1991-05-10	8	2	a 9 month old female died as a result of choking on a 1" diameter rubber ball while playing on the floor with her twelve year old brother. the product involved was described as being that used in the game or jacks. although the product was recovered by the m.e.'s office, it was turned over to the parents of the victim and not available for further identification or photographing.	1392	0	TX	Houston	14	ball	invest	1
N91C0191	911211HNE5038	205	1991-12-02	8	1	a five month old male choked to death on the ball portion of a clacker ball type toy, which blocked his windpipe, after it was placed inside his crib by an older sibling. the death was due to asphyxia.	1346	0	FL	Boca Raton	99	ball	invest	1
X9165890A	910617HCC2219	212	1991-05-07	8	2	a 1 yof died following choking on a rubber ball.	3236	0	MO	Kansas City		ball	incid	1
C9140018A	910424HCC1222	210	1990-11-01	8	2	a 10 month old girl died as a result of choking on a play ball three centimeters in diameter.	3236	0	PA	Johnstown		ball	incid	1
X9112410A	910130HCC1118	217	1991-01-19	8	2	a 17 month old girl died after choking on a ball attached to an elastic hair band which could not be dislodged by medical person.	1662	0	NJ	Pleasantville		ball	incid	1
X9083785A	900809HCC2285	206	1989-08-21	8	1	a 24 week male was in his crib at home. when he started crying, his 4 year old brother called for the mother. when the mother came to the crib, she saw that the young child was choking on a 1 inch diameter metal ball. the ball was difficult to remove and subse- quently caused the death of the 24 week old male. cause of death was anoxic encephalopathy due to an airway obstruction by a foreign object.	1643	0	MI	Potiac	22	ball	invest	1
H8980058A	890818CEN2396	3	1989-07-24	8	1	3 yr old boy choked to death on a 1 1/2" diameter ball.	3236	0	OH	Mccutchenville		ball	incid	1

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X8930947A	890420HBC3158	211	1989-03-06	8	2	11 month old girl choked to death on a table tennis ball.	3236	0 WY	Cody			ball	incid	1
X8930947A	890420HBC3158	211	1989-03-06	8	2	an eleven month old female infant died from choking on a tennis table ball. it is unknown how she got the ball. the ball was caught in her mouth behind the hard palate and was difficult to remove.	1269	0 WY	Cody		32	ball	invest	0
G03B0051A	031105HCN0114	3	2003-10-17	8	1	a three-year-old was riding in the back seat of a vehicle when he choked on a small rubber ball. the vehicle was stopped and the victim was pulled out of the vehicle by his mother's fiance who noticed the child gagging. he was transported to a local hospital where he was pronounced dead on arrival. the medical examiner's diagnoses was choking and lymphoid follicular hyperplasia of lymph node. the cause of death was listed as choking and the manner of death was listed as accidental.	5004	0 TX	Lubbock		20	ball	invest	1
G03A0116B	031014HCN0045	9	2003-10-10	8	2	a girl, age 9, died after choking on a rubber ball.	1392	0 IL	Chicago			ball	incid	1
X0310565A	030213HCC2326	2	2003-01-01	8	2	a two-year-old female died of asphyxiation when a plastic ball lodged in her throat. the ball was too large to fit inside a choke tube. no one knew anything about how the ball being in the apartment. death was listed as accidental.	5004	0 KS	Kansas City		32	ball	invest	1
H0270335A	020725CWE6015	3	2002-07-19	8	1	a three year old male approached his mother and pointed at his throatwhile inside of their residence. the mother saw the victim was choking on a plastic ball and tried unsuccessfully to remove it. the victim was transported to a local hospital and died three days later.	5004	0 CA	Valencia		21	ball	invest	1
N0270008A	020703CNE7382	10	2002-06-29	8	2	a girl, age 10, died after choking on a rubber ball while playing with it in her backyard.	5004	0 PA	Aristes			ball	incid	1
C0220013A	020308HCC1380	7		8	0	a 7 year old child choked to death on a small ball, with a diameter of 1.05-1.75.	5004	0 NY	Yonkers			ball	incid	1
X01A4356A	011011CCC1034	4	2001-09-30	8	1	a 4 year old boy was swallowed a small rubber ball that obstructed his airway. he was transported to the hospital & then expired there. cause of death: cerebral anoxia due to choking. 14010699s	5004	0 NJ	Lake Hiawatha			ball	incid	1
C01C5006A		7	1999-01-01	8	1	a 7 year old boy choked to death from a small ball on a toy sport equipment while playing.	1392	0 AA	Unk			ball	incid	1
I99B0116A		7	1999-01-01	8	1	an autistic boy, age 7, died after choking on a 2-inch theme ball	5004	0 NY	Yonkers			ball	incid	1
X0083517A		205		8	2	a female, age 5 month, died when she choked on a small plastic ball on a musical caterpillar toy. the toy was recalled after the incident.	5004	0 TX	El Paso			ball	incid	1
X02B6125A		3	2002-07-22	8	1	a 3 year old boy died when he choked on a plastic ball. 2002-05496	5004	0 CA	Valencia			ball	incid	1

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X9052815A		2	1990-03-07	8	1	2 year, 5 month old boy choked to death on a small toy ball.	5004	0	MA	Agawam		ball	incid	1
X9842657A		4	1997-10-26	8	1	a boy, age 4, died after he choked on a small ball while playing with other children in a room. #0009744	5004	0	SC	Greenville		ball	incid	1
6146592		4	2000-08-20	8	1	decendent fell asleep and choked on plastic ball - asphyxia; choking on toy ball - autopsy yes	1392	0	CA	Vallejo		ball	death	1
13035276		2	2000-07-31	8	1	choked on rubber ball - mechanical obstruction of upper airway by rubber ball - autopsy yes.	5004	0	GA	East Point		ball	death	1
39058592		3	2000-06-27	8	1	choked on small ball - airway obstruction secondary to foreign body - autopsy yes	5004	0	OH	Coldwater		ball	death	1
48030154		213	2000-03-25	8	1	baby choked on a small ball - asphyxia; aspiration of a foreign object - autopsy yes	5004	0	TX	Victoria		ball	death	1
134059444		4	2001-09-30	8	1	swollowed a small rubber ball - cerebral anoxic; choking - autopsy no	5004	0	NJ	Morristown		ball	death	1
206154959		3	2002-07-19	8	1	choked on plastic ball - suffocation - autopsy no.	5004	0	CA	Van Nuys		ball	death	1
312102909		219	2003-07-30	8	1	decendent choked on a golfball - asphxia; choking on foreign object - autopsy yes	1212	0	FL	Lehigh Acres		ball	death	1
9048075439		3	1990-07-29	8	1	decendent choked on a balloom - asphyxia; obstruction of airway by balloom - autopsy yes- 910508hcc0223	1347	0	TX	El Paso		ball	death	1
9104014449		212	1991-06-19	8	1	golf ball jammed in oral cavity - asphyxia; choking autopsy no	1212	0	AZ	Phoenix		ball	death	1
9134003527		212	1991-01-19	8	2	choked on plastic ball from elastic hair holder - choking; - autopsy yes - 910130hcc1118	1682	0	NJ	Somers Point		ball	death	1
9239096720		223	1992-11-20	8	2	choked on toy ball - asphyxia by foreign object (toy plastic octagon shaped ball.) - autopsy yes	1392	0	OH	Middleburg Heights		ball	death	1
9306003088		4	1988-01-07	8	1	choked on rubber ball - bilateral bronchopneumonia; hypoxic encephalopathy, clinical; status post mechanical asphyxiation - autopsy yes	1392	0	CA	Santa Ana		ball	death	1
9317007311		212	1993-02-08	8	2	choked on a small ball at home - asphyxiation; aspiration of foreign object - autopsy yes - 931124hcc2020	1392	0	IL	Naperville		ball	death	1
9848100724		4	1998-08-28	8	2	choked - asphyxia due to choking (ball) - autopsy yes	3236	0	TX	Pasadena		ball	death	1
9906150864		4	1999-07-26	8	1	choked on ball at residence. asphyxia, sufocation,and choking. autopsy:no	5004	0	CA	Van Nuys		ball	death	1
9917078828		217	1999-12-10	8	1	choked on ball - anoxic encephalopathy; asphyxia; airway obstruction (choked on swallowed ball) - autopsy yes.	1392	0	IL	Peoria		ball	death	1