



A man in a dark suit is standing on a light-colored wooden plank floor, facing a large wall. He is using a black marker to draw a continuous zigzag pattern across the wall. The pattern consists of multiple rows of 'V' shapes pointing downwards, creating a dense, rhythmic visual. In the center of the wall, the word 'INSTRUKTIV' is written in a bold, black, sans-serif font. The overall scene suggests a creative or instructional activity.

INSTRUKTIV



FEVER







FEVER





SKIL

AKAI



ASSA ABLOY



Ministerie van Defensie

BABBOE



GRUNDIG
made for you



smartwares®
home essentials



TRESPA®



Ultimaker



SITECOM



Ziggo

Gispen

AEG

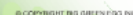


سابك
sabie



Thinking of you
Electrolux

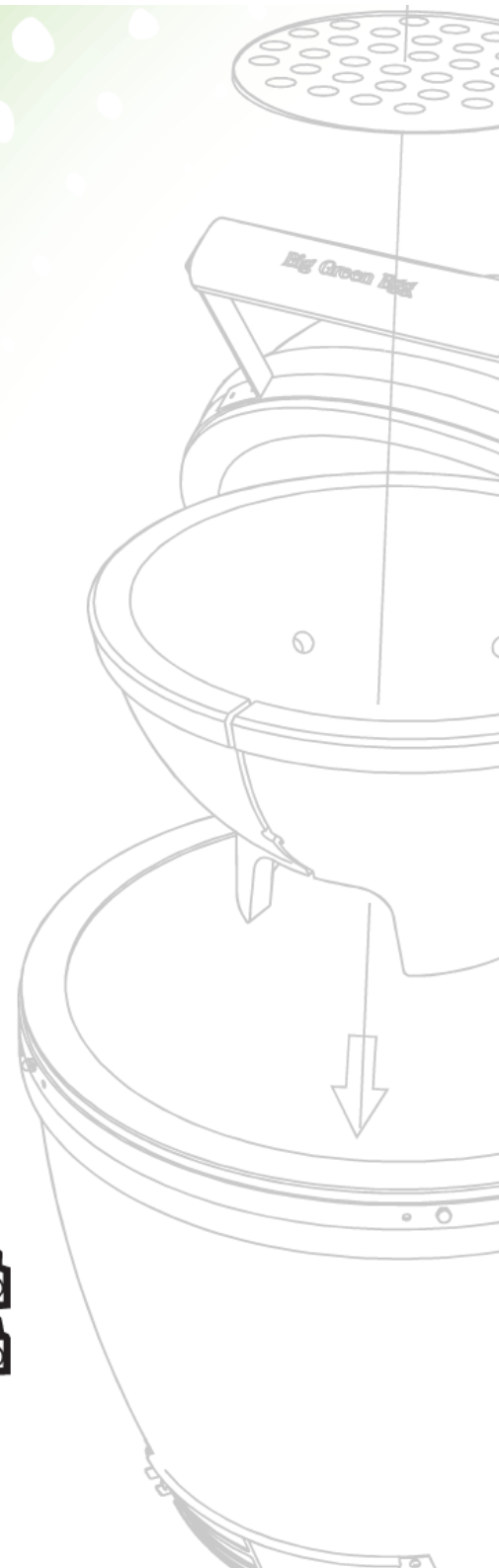
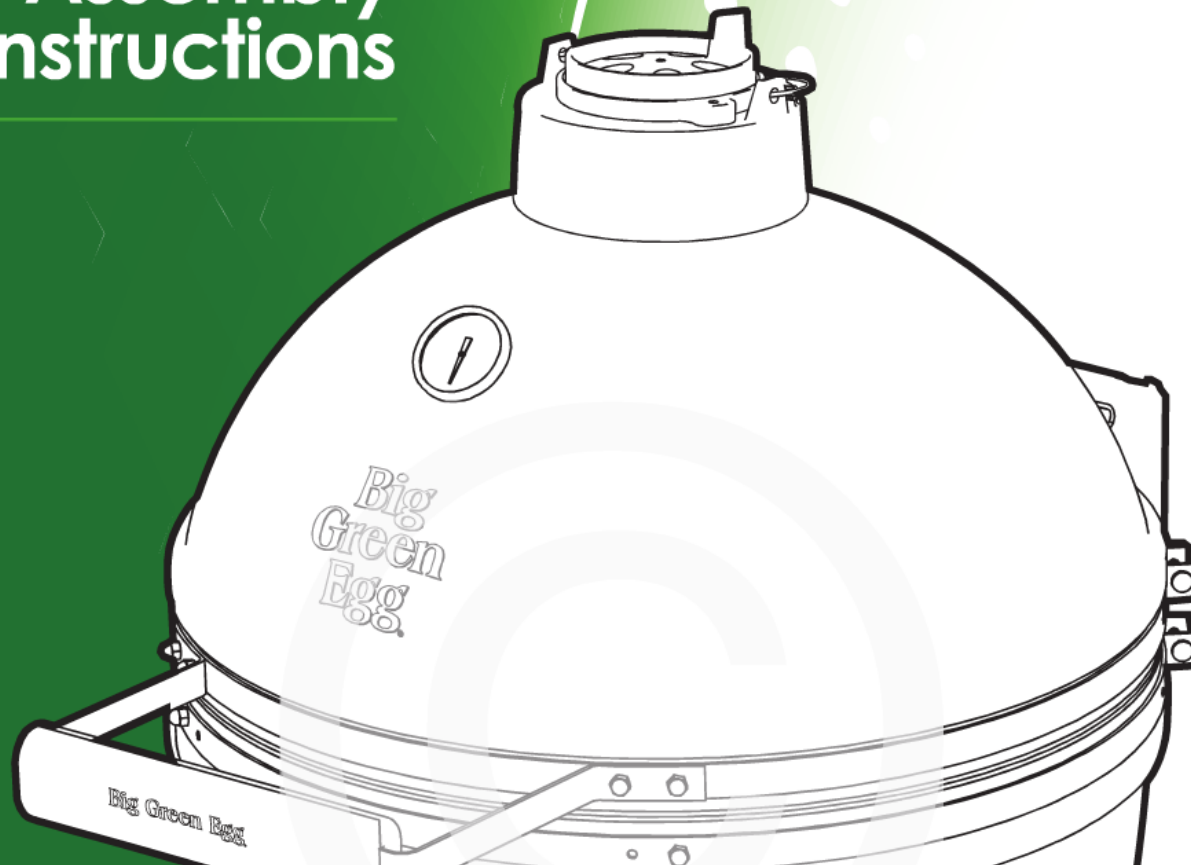


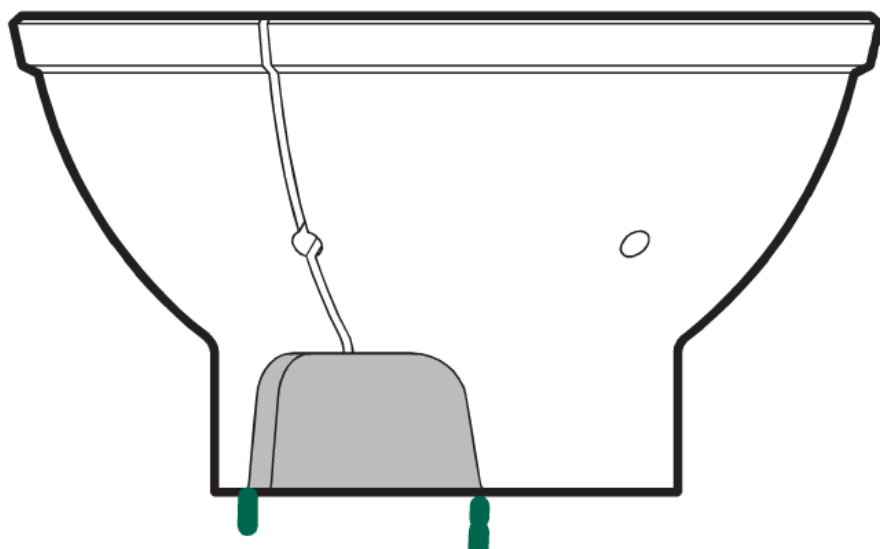
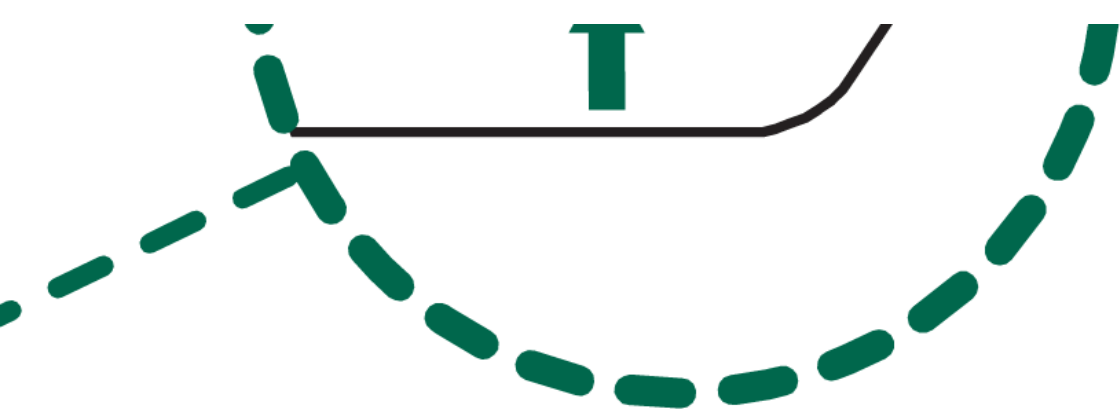
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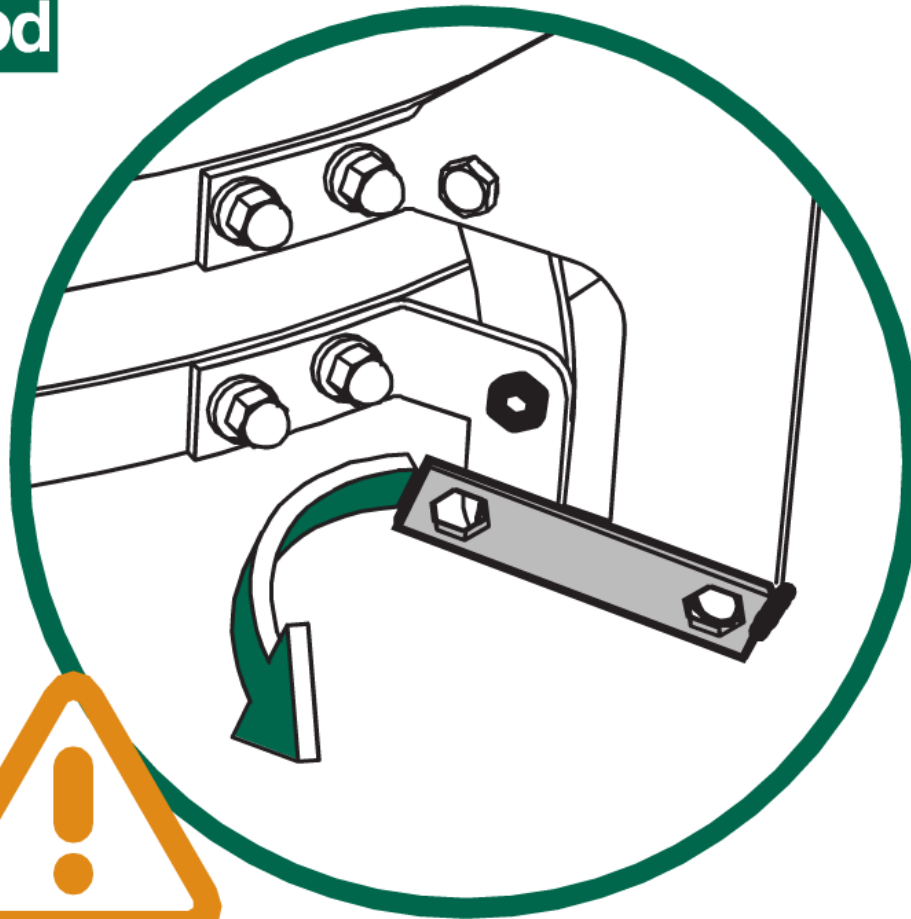
XL L M S Mi

EGG[®] and Band Assembly Instructions





5d





www.biggreenegg.co.za



CAUTION: SEE SAFETY NOTICE
www.biggreenegg.com/safetytips

and EU regulations on Instructions for use

courses in EU legislation, risk
analysis and machinery directive
marking = daily practice
search on US legislation
article with Michael Gerrits, LL.M.
(safety attorney)

resentation Content

Product safety in the EU)
Product safety in the US
Designing warnings for the US)



- I know my way in legislation-land!
- I don't know what I do but at least
- Screw it!



?



Identify the applicable acts and laws
and regulations for your product

A photograph of Barack Obama sitting at a large wooden desk in an office. He is wearing a dark blue suit, a white shirt, and a blue patterned tie. He is looking down at a document on the desk. The desk is cluttered with several blue folders and papers. In the background, there are red curtains and a white door. A red diamond shape is visible in the upper right corner of the image.

<https://www.usa.gov/laws-and-regulations>

<http://eur-lex.europa.eu/>



One Hundred Third Congress
of the
United States of America

AT THE SECOND SESSION

*Begun and held at the City of Washington on Tuesday,
the twenty-fifth day of January, one thousand nine hundred and ninety-four*

An Act

To provide for toy safety and for other purposes.

*Be it enacted by the Senate and House of Representatives of
the United States of America in Congress assembled,*

SECTION 1. SHORT TITLE.

This Act may be cited as the “Child Safety Protection Act”.

TITLE I—TOY LABELING REQUIREMENTS

seq.) is amended by adding at the end the following new section:

"SEC. 24. REQUIREMENTS FOR LABELING CERTAIN TOYS AND GAMES.

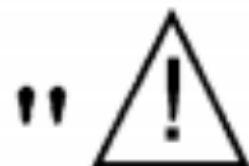
"(a) TOYS OR GAMES FOR CHILDREN WHO ARE AT LEAST 3.—

"(1) REQUIREMENT.—The packaging of any toy or game intended for use by children who are at least 3 years old but not older than 6 years (or such other upper age limit as the Commission may determine, which may not be less than 5 years old), any descriptive material which accompanies such toy or game, and, in the case of bulk sales of such toy or game when unpackaged, any bin, container for retail display, or vending machine from which the unpackaged toy or game is dispensed shall bear or contain the cautionary statement described in paragraph (2) if the toy or game—

"(A) is manufactured for sale, offered for sale, or distributed in commerce in the United States, and

"(B) includes a small part, as defined by the Commission.

"(2) LABEL.—The cautionary statement required by paragraph (1) for a toy or game shall be as follows:



WARNING:

CHOKING HAZARD—Small parts.
Not for children under 3 yrs.

"(b) BALLOONS, SMALL BALLS, AND MARBLES.—

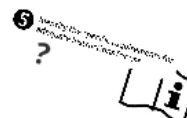
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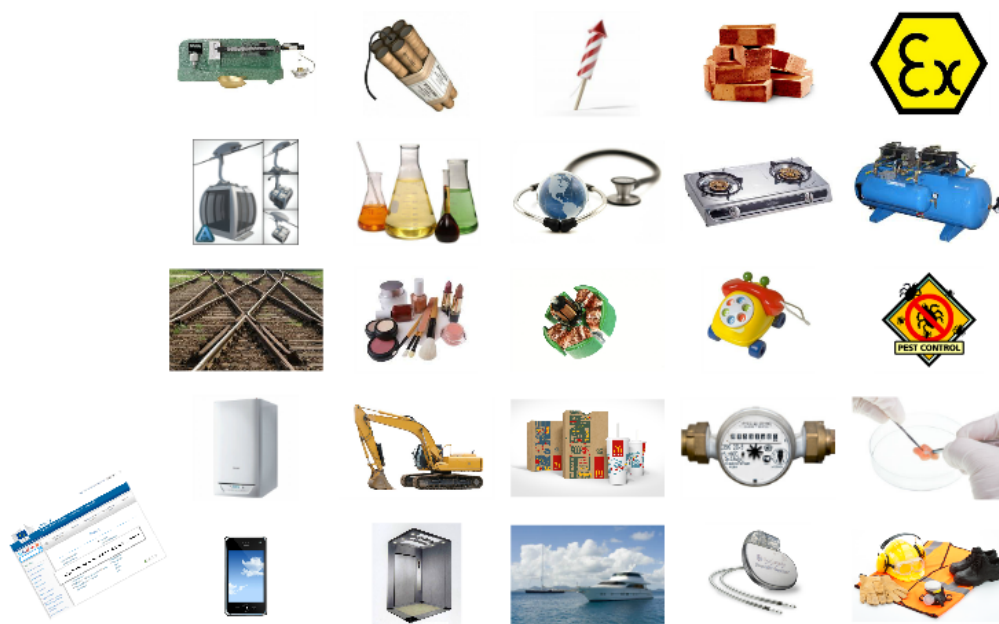
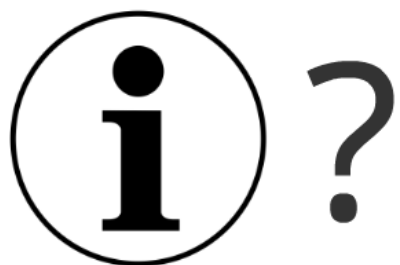
Identify the applicable acts and laws and regulations for your product

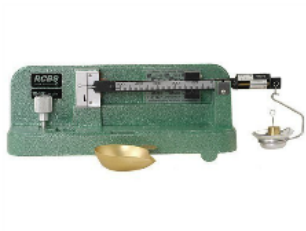
<https://www.usa.gov/laws-and-regulations>

<http://eur-lex.europa.eu/>

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Single Market and Standards

Industry

Entrepreneurship and SMEs

Access to finance for SMEs

Sec

Sectors

- [Aeronautics industries](#)
- [Automotive industry](#)

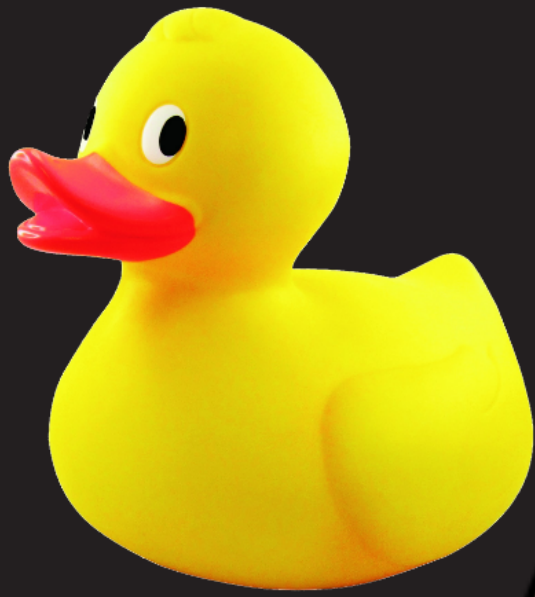
- [Gambling](#)
- [Healthcare industries](#)

http://ec.europa.eu/growth/sectors/index_en.htm

- [Digital economy](#)
- [Electrical and electronic engineering industries](#)
- [Fashion and creative industries](#)
- [Food industry](#)

- [Medical devices](#)
- [Postal services](#)
- [Space](#)
- [Tourism](#)
- [Toys](#)





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Identify the competent federal agencies for your product

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All Categories

Aircraft

[Federal Aviation Administration](#)

Amusement Rides

[Jurisdiction Based on State](#)

Alcohol

[Alcohol and Tobacco Tax and Trade Bureau](#)
[Automobiles](#)[National Highway Traffic Safety](#)

Ammunition

[Bureau of Alcohol, Tobacco, and Firearms](#)

Boats

[U.S. Coast Guard](#)

22

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**What role have stan
in the US?**





Specific Testing Questions

- Labeling and Product Marking
- Flammability
- Lead and Heavy Metals

<http://www.cpsc.gov/en/Business--Manufacturing/Business-Education/Toy-Safety/>

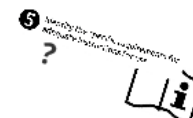


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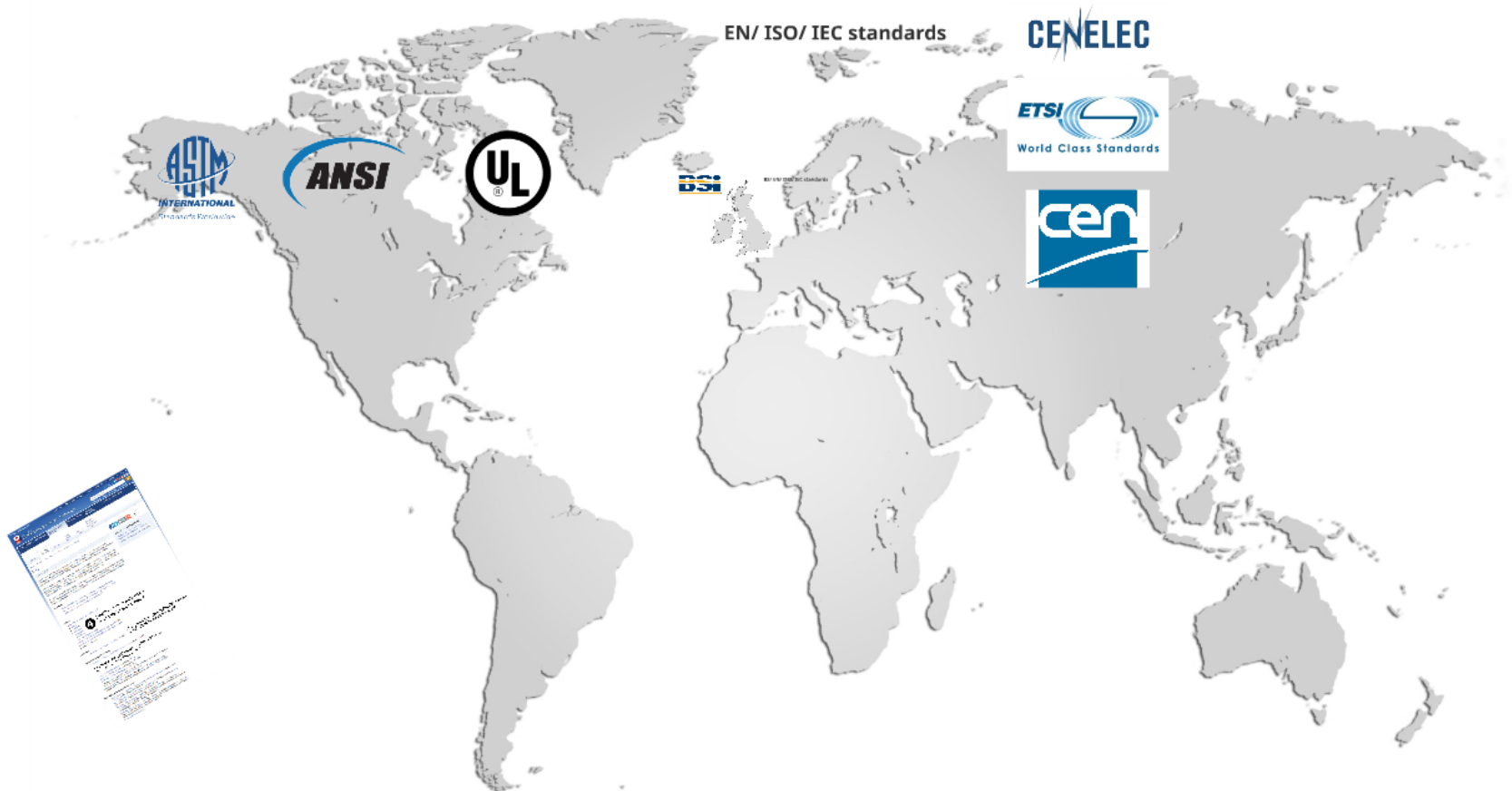
children's products and some non-children's products. If you are a manufacturer, importer, distributor, or retailer of consumer goods, your products must comply with the CPSIA and other laws enforced by the CPSC.

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[More CPSIA Information and Guidance](#)



?



EN/ ISO/ IEC standards



BS/ EN/ ISO/ IEC standards





BS/ EN/ ISO/ IEC standards







UNITED STATES CONSUMER PRODUCT SAFETY COMMISSION

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Toys

OCTOBER 21, 2008

The U.S. Consumer Product Safety Commission (CPSC) staff is participating in voluntary standard activities related to toy safety. CPSC staff is currently working with the ASTM F15.22 Toy Safety Subcommittee to develop performance requirements for ASTM F963-03 *Standard Consumer Safety Specification for Toy Safety*.

In 2004, there were an estimated 210,300 toy-related injuries treated in U.S. hospital emergency departments. Seventy-seven percent (161,100) of the injuries for 2004 were to children under 15 years of age, and 35 percent (72,800) were to children under 5. CPSC also has reports of 16 toy-related deaths involving children under age 15 that occurred in 2004. Seven deaths occurred when the child choked or aspirated a toy.

CPSC staff is working with ASTM to address issues related to toy safety including sound pressure levels (acoustics) of toys that are designed to emit noise, flammability, and jaw entrapment, as well as working on the development of requirements to address toys that have cords, elastics, and straps; projectile toys; and toys containing magnets.

Safety Alerts:

- [Consumer Alert: Fire Hazard with Remote-Controlled Helicopters and Airplanes](#)
- [Small Magnets Are Injuring Children; CPSC Releases Stronger Warning to Parents](#)



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Fact Sheets:

- Child Safety Protection Act Fact Sheet (pdf)
- Dangers of E
- Caps for Toy
- Suffocation I
- Strings and S
- Think Toy Sa
- Toy Safety Coloring Book (pdf)
- Consumer's Guide for Selecting Suitable Toys - Ages 0-5 (pdf)
- Consumer's Guide for Selecting Suitable Toys - Ages 6-12 (pdf)
- Dangers of Toy Chest Lids

4

Identify which standards are voluntary for your product

Incident Data:

- Toy-Related Deaths and Injuries, Calendar Year 2011 (pdf)

<http://www.cpsc.gov/en/Regulations-Laws--Standards/Voluntary-Standards/>

Voluntary Standard and Code Activities:

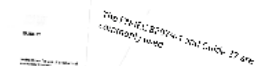
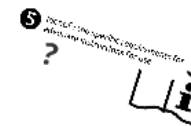
- Evaluation of the Toy Standard for Section 106 of the CPSIA (pdf), May 18, 2010

<http://www.cpsc.gov/Regulations-Laws--Standards/Voluntary-Standards/Topics/Toys/>

- ASTM F15.22 Toy Safety Meeting (pdf), February 12, 2007
- ASTM F15.22 Toy Safety Meeting (pdf), September 26, 2006
- ASTM F15.22 Toy Safety Meeting (pdf), June 6, 2006
- Correspondence to Underwriters Laboratories, UL 507 Electric Fans August 4, 2005. Re: Request for requirements for continuous use inflatable products (pdf)
- Correspondence to ASTM F15.22 Subcommittee Chair April 7, 2005. Re: Request to upgrade requirements for folding mechanisms and hinges associated with children's folding chairs (pdf)

CPSC Staff Reports, Memoranda and Contracts:

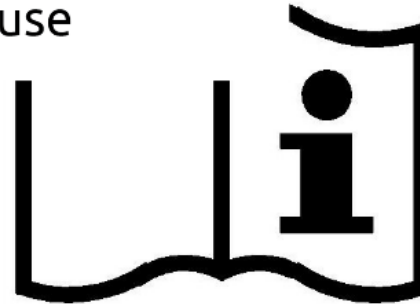
- Staff Comments to ASTM F15.24 Children's Jewelry Safety Subcommittee Concerning Appropriate Cadmium Test Methodologies (pdf), January 24, 2011
- Test Method: CPSC-CH-E1004-11, Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry (pdf), January 24, 2011
- Combined Cadmium Package for ASTM F15.22 Toy Safety, including: Staff Report - Cadmium in Children's Metal Jewelry, October 2010; and Staff Report on Toy Standard Test Methods with Data from Testing Metal Jewelry and Other Materials (pdf), August 2010



5

Identify the specific requirements for adequate instructions for use

?



The EN-IEC 82079-1 and Guide 37 are commonly used

GUIDE 37

Instructions for use of products of consumer interest

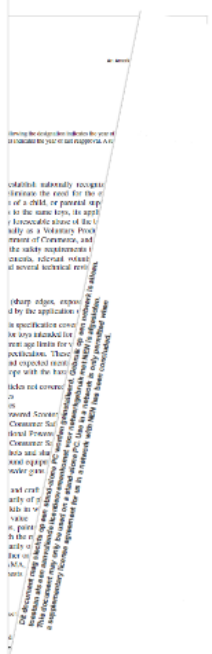
Nederlandse norm

NEN-EN-IEC 82079-1
(en)

Preparation of instructions for use - Structuring, content and presentation - Part 1: General principles and detailed requirements (IEC 82079-1:2012, IDT)

en stand-alone PC worden geïnstalleerd. Gebruik op een netwerk is alleen
licentieovereenkomst voor netwerkgebruik met NEN is afgesloten.
PC worden geïnstalleerd. Gebruik op een netwerk is alleen
d op een stand-alone PC. Use in a network is only permitted when a
licentieovereenkomst voor netwerkgebruik met NEN is afgesloten.
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Preparation of instructions for use - Structuring, content and presentation - Part 1: General principles and detailed requirements (IEC 82079-1:2012,IDT)

ICS 01.110; 29.020
oktober 2012

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Instructions for use of products of
consumer interest

Corrected and reprinted 1996

Second edition 1993
 Corrected and reprinted 1995
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 Peter H. Verbeeten 20110317

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Identify the specific requirements for adequate instructions for use

⚠ WARNING:

CHOKING HAZARD—Small parts.

Not for children under 3 yrs.



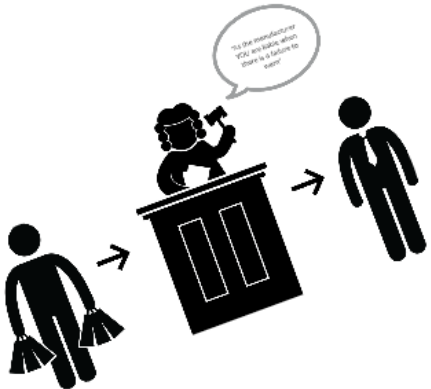
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WARNING!



product defects and disa
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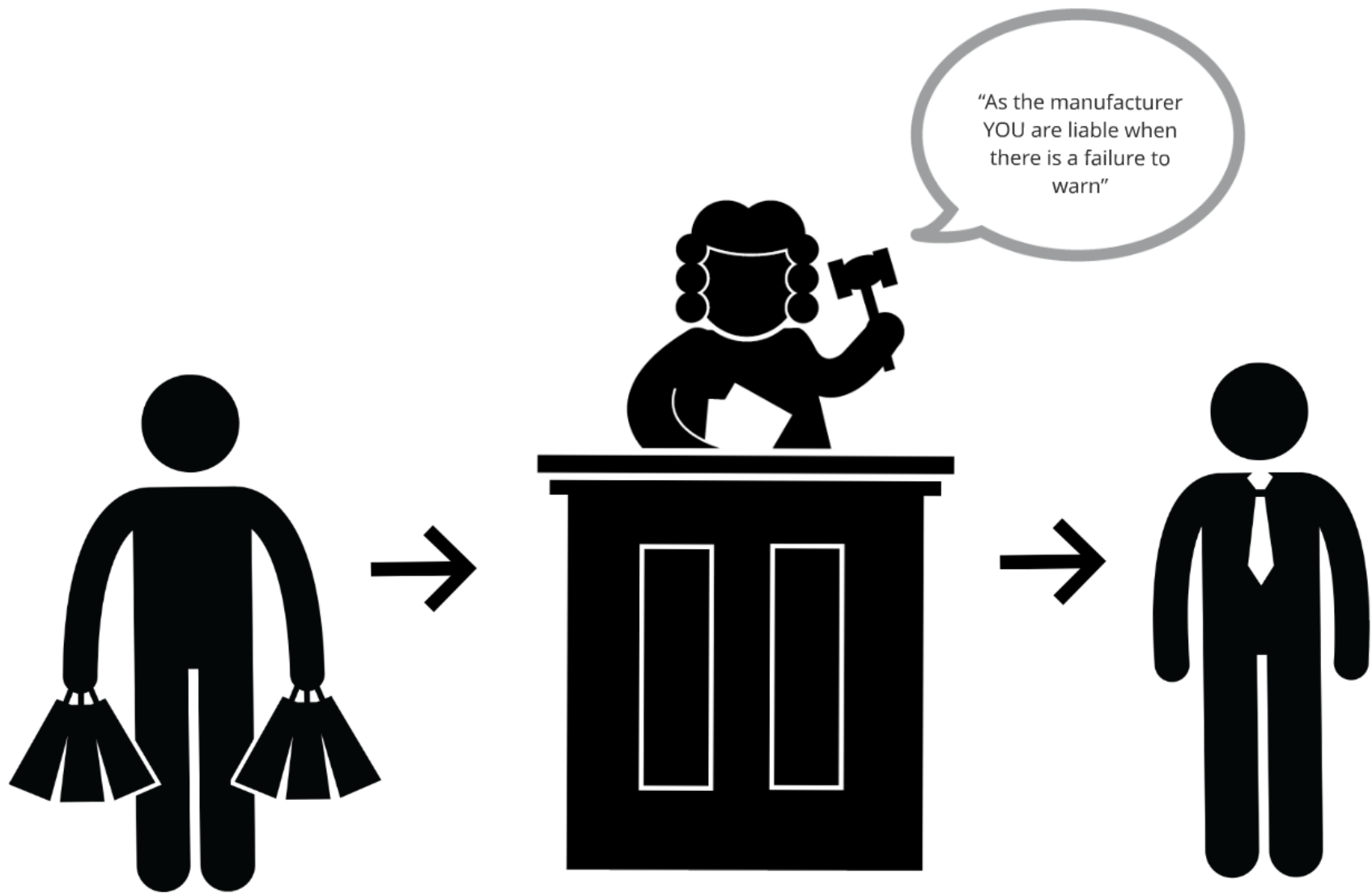
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Risk







“As the manufacturer
YOU are liable when
there is a failure to
warn”



7

Determine product defects and draw up warnings

Determining defects in design and warnings and instructions is very subjective and based on reasonableness factors to be decided by the jury.

Determining when there is a duty to warn or instruct and how far that duty extends is one of the more difficult questions that needs to be answered by any manufacturer.

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WARNING!



8. Discuss the elements matching to the requirements



Use the APQ-735.6 for your writings

5. Identify the security organization with adequate competence to the task

?



Risk

8

Draw up the instructions according to the requirements

SKIL MASTERS
PROFESSIONAL POWER TOOLS

DRYWALL SANDER
7520 (F0157520..)



Use the ANSI Z535.6 for your warnings

9	UA	ОРИГІНАЛЬНА ІНСТРУКЦІЯ З ЕКСПЛУАТАЦІЇ	
13	GR	ΠΡΩΤΟΤΥΠΟ ΟΔΗΓΙΩΝ ΧΡΗΣΗΣ	
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F		NOTICE ORIGINALE	
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NL		ORIGINELE GEBRUIKSAANWIJZING	
S		BRUKSANVISNING I ORIGINAL	
DK		ORIGINAL BRUGSANVISNING	
N		ORIGINAL BRUKSANVISNING	
FIN		ALKUPERÄISET OHJEET	
E		MANUAL ORIGINAL	
P		MANUAL ORIGINAL	
I		ISTRUZIONI ORIGINALI	
H		EREDETI HASZNÁLATI UTASÍTÁS	
CZ		PŮVODNÍM NÁVODEM K POUŽÍVÁNÍ	
TR		ORIJINAL İŞLETME TALİMATI	
PL		INSTRUKCJA ORYGINALNA	



 Ferry Vermeulen

 @INSTRKTIV

 instrktiv.com/en/blog/

 ferry@instrktiv.com

How does a safety message look like?

⚠ DANGER

⚠ WARNING

⚠ CAUTION

NOTICE

safety alert symbol + signal word = signal word panel

⚠ DANGER

⚠ WARNING

⚠ CAUTION

NOTICE

⚠ DANGER

⚠ WARNING

⚠ CAUTION

NOTICE

⚠ DANGER

⚠ WARNING

⚠ CAUTION

NOTICE





! DANGER


Highly corrosive chemicals. Risk of severe eye and skin injuries.
Avoid contact. Wear eyes and body protection.

signal word panel + conveyed safety message =
safety message for use in collateral material



Types and place of safety messages

- Grouped safety message
- Section safety message
- Embedded safety message
- Supplemental directives



How to use the ANSI Z535.6 in your manual creation process?

1. Determine the hazards
2. Determine conveyed message describing type of hazard and the avoidance action
3. Determine signal word/ risk level
4. Determine location

2

Identify the competent federal agencies for your product

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