

PD CEN/TR 13387-2:2015



BSI Standards Publication

**Child use and care articles —
General safety guidelines**
Part 2: Chemical hazards

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee CW/1, Safety of child use and child care products.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

**Child use and care articles - General safety guidelines - Part 2:
Chemical hazards**

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Contents

	Page
European foreword	4
1 Scope	5
2 Regulatory, normative and policy background	5
2.1 General.....	5
2.2 REACH - Short summary	6
2.2.1 Registration	6
2.2.2 Authorization.....	6
2.2.3 Restrictions	6
2.2.4 Articles.....	6
2.2.5 Recommendations.....	7
2.3 Toy Safety Directive and related standards.....	7
2.3.1 Short summary of Toy Safety Directive	7
2.3.2 Toy standards	8
2.3.3 Recommendations.....	9
2.4 CEN Approach on addressing environmental issues in product and service standards.....	9
2.4.1 Short summary.....	9
2.4.2 Recommendations.....	9
3 Basics of Chemical Safety Assessment (CSA).....	10
3.1 General.....	10
3.2 Hazard assessment	10
3.3 Exposure assessment.....	12
3.4 Risk characterization.....	13
3.5 Example – PAHs.....	13
3.6 Example – Migration limit values in Toy Safety Directive	13
3.7 Recommendations.....	14
4 Child use and care articles specific approaches	15
4.1 General aspects	15
4.2 Substances of Very High Concern (SVHC)	15
4.3 CMR substances	15
4.4 Certain elements.....	16
4.4.1 Regulatory and normative background.....	16
4.4.2 Specific child use and care articles considerations	16
4.5 Flame retardants.....	16
4.5.1 Regulatory and normative background.....	16
4.5.2 Specific child use and care articles considerations	17
4.6 Colourants	17
4.6.1 Regulatory and normative background.....	17
4.6.2 Specific child use and care articles considerations	18
4.7 Primary aromatic amines	18
4.7.1 Regulatory and normative background.....	18
4.7.2 Specific child use and care articles considerations	19
4.8 Monomer	19
4.8.1 Regulatory and normative background.....	19
4.8.2 Specific child use and care articles considerations	19
4.9 Solvents (migration)	19
4.9.1 Regulatory and normative background.....	19
4.9.2 Specific child use and care articles considerations	20
4.10 Solvents (inhalation)	20
4.10.1 Regulatory and normative background.....	20
4.10.2 Specific child use and care articles considerations	21
4.11 Plasticizers	21

4.11.1	Regulatory and normative background	21
4.11.2	Specific child use and care articles considerations	22
4.12	Sensitizers – Fragrances	22
4.12.1	Regulatory and normative background	22
4.12.2	Specific child use and care articles considerations	24
4.13	N-Nitrosamines and N-Nitrosatable substances	24
4.13.1	Regulatory and normative background	24
4.13.2	Specific child use and care articles considerations	25
4.14	Other	25
4.14.1	Formaldehyde (other than monomer or preservative)	25
Annex A (informative) Brief description of EU regulatory chemical requirements applicable to child use and care articles.....		26
A.1	Cadmium	26
A.2	Nickel	26
A.3	Flame retardants.....	26
A.4	Colourants.....	26
A.5	Wood preservatives	27
A.6	Preservatives (other than wood preservatives)	27
A.7	Plasticizers	27
A.8	N-Nitrosamines and N-Nitrosatable substances	27
A.9	Polycyclic Aromatic Hydrocarbons (PAHs).....	28
A.10	Persistent Organic Pollutants (POPs).....	28
A.11	Food contact materials	28
A.12	Packaging.....	28
Annex B (informative) Model requirements for use in a standard		29
B.1	Introduction.....	29
B.2	General chemical requirements	29
B.3	Substances of Very High Concern (SVHC).....	29
B.4	CMR substances.....	29
B.5	Certain elements	29
B.6	Flame retardants	30
B.7	Colorants.....	30
B.8	Primary aromatic amines.....	31
B.9	Monomers.....	32
B.10	Solvents (migration).....	32
B.11	Solvents (inhalation)	33
B.12	Plasticizers	33
B.13	Sensitizers – Fragrances	33
B.14	N-Nitrosamines and N-Nitrosatable substances	36
B.15	Formaldehyde (other than monomer or preservative)	36
Bibliography.....		37

European foreword

This document (CEN/TR 13387-2:2015) has been prepared by Technical Committee CEN/TC 252 “Child use and care articles”, the secretariat of which is held by AFNOR.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes CEN/TR 13387:2004.

CEN/TR 13387 comprises the following five parts:

- Safety philosophy and safety assessment (CEN/TR 13387-1);
- Chemical hazards (CEN/TR 13387-2);
- Mechanical hazards (CEN/TR 13387-3);
- Thermal hazards (CEN/TR 13387-4);
- Product information (CEN/TR 13387-5).

CEN/TR 13387-2 should be used in conjunction with CEN/TR 13387-1.

The chemical part has been completely rewritten compared to the previous edition.

1 Scope

This Technical Report provides guidance information on chemical hazards that should be taken into consideration when developing safety standards for child use and care articles. In addition, these guidelines can assist those with a general professional interest in child safety.

2 Regulatory, normative and policy background

2.1 General

In Europe child use and care articles are covered by the Directive on general product safety (GPSD, Directive 2001/95/EC). This directive contains a general safety requirement and does not address chemical substances in particular. However, article 13 of the GPSD provides for the opportunity to adopt temporary “emergency” measures which may include limit values for chemical substances in consumer products. Such measures had been adopted for phthalates in toys and child use and care articles and for dimethylfumarate (DMF) and both have been later incorporated into REACH. In addition, Member States can impose actions on products found unsafe.

Restrictions for several specific chemical substances can be found in Annex XVII of the Regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH, Regulation (EC) No 1907/2006) “relating to restrictions on the marketing and use of certain dangerous substances and preparations” as amended. If applicable to their type of product or material used, these provisions are to be followed by manufacturers of child care articles.

The Regulation on persistent organic pollutants (POP, Regulation (EC) No 850/2004) restricts production, placing on the market and use of chemical substances listed in Annex I of the regulation including constituents of articles. The provisions apply also to child care products.

Other regulatory provisions relating to chemicals may apply to certain products. For instance, drinking equipment is subject to the Regulation on materials and articles intended to come into contact with food (Regulation (EC) No 1935/2004) and plastic components of drinking equipment are regulated by the Regulation relating to materials and articles intended to come into contact with foodstuffs. A Directive covers the release of N-nitrosamines and N-nitrosatable substances from elastomer or rubber teats and soothers (Directive 93/11/EEC). Applicable regulation will have to be identified where relevant.

Another example of chemical provisions applicable to child care articles is the Directive on packaging and packaging waste (94/62/EC) which establishes among others limits for lead, cadmium, mercury and hexavalent chromium in packaging.

While not directly applicable to child care articles the Directive on the safety of toys (TSD, 2009/48/EC) is an important reference document addressing a product group with similar exposure characteristics and providing a high standard of safety in the field of products intended for children. Hence, specific guidance seems appropriate on how to make use of toys related chemical rules.

It is the intention of the present guidelines to complement existing legal obligations by providing some practical recommendations keeping in mind legal minimum requirements.

Environmental issues are moving in the spotlight. CEN has adopted a policy: the “CEN Approach on addressing environmental issues in product and service standards” calls for incorporation of environmental considerations when product or service standards are elaborated. These aspects are highly relevant in particular for chemicals as far as child care articles are concerned. Hence, this guide incorporates also recommendations in this regard.