



Bureau Veritas Consumer Products Services

CPS Regulatory Bulletins / Newsbytes 2018 Archive - [EMEA](#)

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EMEA – 2018 Bulletins & Newsbytes

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October	18B-036	BS EN 16781:2018 Safety Requirements and Test Methods for Children’s Sleep Bags Replaces BS8510	EU
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December	18NB-036	EU Proposes to Strengthen the Migration Limits of Aluminium in Toys	EU

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Technical Update: New RED Harmonized Standards in OJ

New harmonized standards under the RED OJ were published on December 15, 2017, replacing the previous version of OJ, Regulation related: Directive 2014/53/EU. The key and important updated parts of standard are listed below:

<p>EN 55035: 2017 Electromagnetic compatibility of multimedia equipment – Immunity requirements CISPR 35: 2016 (Modified)</p>
<p>EN 300 698 V2.2.1 Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways; Harmonized Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU</p>
<p>EN 302 054 V2.1.1 Meteorological Aids (Met Aids); Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU</p>
<p>EN 302 454 V2.1.1 Meteorological Aids (Met Aids); Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU</p>
<p>EN 303 276 V1.1.1 Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU</p>
<p>EN 303 413 V1.1.1 Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU</p>

Impact on Supply Chain

Products need comply with the new standards version when entering the Europe market. Product construction, marking, instruction manual and packaging need update and change design need to comply with new standards version.

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Additional Information

http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=uriserv:OJ.C_.2017.435.01.0111.01.ENG

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REACH: Seven New Substances Listed as SVHC

On 15 January 2018, the European Chemicals Agency (ECHA) announced seven new substances will be viewed as Substance of Very High Concern (SVHC) and have been added to the Candidate List under REACH regulation (EC) 1907/2006. The ECHA Candidate List now contains 181 substances.



Background

After inviting interested parties to comment on the addition of eight potential new SVHCs, the Member States Committee of the EU agreed on including seven new substances to the ECHA Candidate List. Therefore the list now contains 181 substances in total. Besides that, an additional property, *Equivalent level of concern having probable serious effects to environment (Endocrine disrupting properties (Article 57(f) - environment))*, has also been added to the previous listed Bisphenol A (BPA).

Once a substance is put on the Candidate List, producers, importers or suppliers may have information obligations if the article contains more than 0.1% of an SVHC. Notification of the ECHA is required as well if the total amount of the specific SVHC exceeds 1 ton/ year.

The Seven New SVHCs and BPA:

Name	CAS no. (EC no.)	Reason for Inclusion	Potential Uses
Chrysene	218-01-9 (205-923-4)	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)	Normally not produced intentionally but rather occurs as a constituent or impurity in other substances.
Benz[a]anthracene	56-55-3 (200-280-6)	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)	Normally not produced intentionally but rather occurs as a constituent or impurity in other substances.
Cadmium nitrate	10325-94-7 (233-710-6)	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	Used in laboratory chemicals and for the manufacture of glass, porcelain and ceramic products.
Cadmium hydroxide	21041-95-2 (244-168-5)	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	Used in laboratory chemicals and for the manufacture of electrical, electronic and optical equipment.
Cadmium carbonate	513-78-0 (208-168-9)	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	Used as a pH regulator and in water treatment products, laboratory chemicals, cosmetics and personal care products.

The Seven New SVHCs and BPA (Con't):

Name	CAS no. (EC no.)	Reason for Inclusion	Potential Uses
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	vPvB (Article 57e)	Used as a non-plasticising flame retardant, used in adhesives and sealants and in binding agents.
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	Endocrine disrupting properties (Article 57(f) - environment)	Used as a lubricant additive in lubricants and greases.
4,4'-isopropylidenediphenol (bisphenol A)**	80-05-7 (201-245-8)	Endocrine disrupting properties (Article 57(f) - environment)	Used in the manufacture of polycarbonate, as a hardener for epoxy resins, as an anti-oxidant for processing PVC and in the production of thermal paper.

**Bisphenol A has already been included in the Candidate List due to its toxic for reproduction properties and its endocrine disrupting properties with effects on human health.

Additional Information:

The Full ECHA Candidate List:

<https://echa.europa.eu/candidate-list-table>

The ECHA announcement:

<https://echa.europa.eu/-/seven-new-substances-added-to-the-candidate-list-entry-for-bisphenol-a-updated-to-reflect-its-endocrine-disrupting-properties-for-the-environment>

How Does this Impact You? Contact Us to Discuss

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Jan 2018, 18B-004

EU Strengthens Bisphenol A Restriction in Food Contact Materials and Articles

On February 14, 2018, the European Commission has published Regulation (EU) 2018/213 in the Official Journal of the EU (OJEU) which strengthens the restriction of Bisphenol A (BPA) in certain food contact materials and articles. This regulation included a new restriction of BPA in food contact varnished and coated materials and articles. In addition, the Annex I of Regulation (EU) No 10/2011 is amended by lowered the migration limit of BPA in plastic food contact materials and articles and included new prohibition of BPA in polycarbonate drinking cups or bottles intended for infant and young children. The new requirements will be applicable from September 6, 2018.

Major Changes for Bisphenol A Requirement

- Lowered Specific Migration Limit for Bisphenol A
 - Specific migration limit for BPA in plastic food contact materials and articles is lowered from 0.6 mg/kg to 0.05 mg/kg.
- New restriction of Bisphenol A in food contact varnish or coating
 - Specific migration limit for BPA in varnishes and coatings intended to come into contact with food is 0.05 mg/kg.
 - No migration of BPA shall be permitted from varnishes or coatings applied to materials and articles specifically intended to come into with infant formula, follow-on formula, processed cereal-based food, baby food, food for special medical purposes developed to satisfy the nutritional requirements of infants and young children or milk-based drinks and similar products specifically intended for young children, as referred to in Regulation (EU) No 609/2013.

A written declaration of compliance containing the information laid down in Annex I of the regulation is required for varnished or coated materials and articles. Supporting documentation, such as test results shall be made available to demonstrate compliance with the declaration upon request by national authorities.

- New prohibition of Bisphenol A in polycarbonate drinking cups or bottles
 - BPA should not be used to manufacture polycarbonate drinking cups or bottles which, due to their spill proof characteristics, are intended for infant and young children.

Summary of Bisphenol A Requirement

Substance	Scope	Current Requirement	New Requirement
Bisphenol A (CAS: 80-05-7)	Plastic food contact materials or articles	SML: 0.6 mg/kg	SML: 0.05 mg/kg
	Varnished or coated materials or articles intended to come into contact with food	No Requirement	SML 0.05 mg/kg
	Varnished or coated materials and articles intended to come into contact with food intended for young children as referred to in Regulation (EU) No.609/2013	No Requirement	No Migration
	Polycarbonate baby bottle	Prohibited	Prohibited (no change)
	Polycarbonate drinking cups or bottles which, due to their spill proof characteristics, are intended for infant and young children	No Requirement	Prohibited

Effective date of new requirement: September 6, 2018 (Food contact plastic and food contact varnished or coated materials and articles that were lawfully placed on the market before September 6, 2018 may remain on the market until exhaustion of stocks.)

Additional Information: Commission Regulation (EU) 2018/213

http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2018.041.01.0006.01.ENG&toc=OJ.L:2018:041:TOC

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Public Consultation on Eight Potential SVHC under REACH

The European Chemical Agency has launched a new public consultation concerning eight potential SVHC. Stakeholders can provide comments on these proposed SVHC until 23 April 2018. Comments will be taken into account when deciding whether the substances will be added to the ECHA Candidate List of SVHC.



Background

On 8 March 2018, the European Chemicals Agency (ECHA) published eight new potential Substances of Very High Concern (SVHC) candidates (see table). After preparing dossiers for the substances, the ECHA has now invited interested parties to a public consultation in which they can provide comments within a timeframe of 45 days (until 23 April 2018).

A decision will be made as to whether the substances will be included to the ECHA Candidate List of SVHC after the consultation.

The Eight Potential SVHCs:

Name	CAS no. (EC no.)	Reason for inclusion
Benzo[ghi]perylene	191-24-2 (205-883-8)	PBT (Article 57 d); vPvB Art.57(e)
Decamethylcyclotrasiloxane (D5)	541-02-6 (208-764-9)	PBT (Article 57d); vPvB (Article 57e)
Disodium octaborate	12008-41-2 (234-541-0)	Toxic for reproduction (Article 57c)
Dodecamethylcyclotrasiloxane (D6)	540-97-6 (208-762-8)	PBT (Article 57d); vPvB (Article 57e)
Ethylenediamine	107-15-3 (203-468-6)	Respiratory sensitising properties (Article 57(f) - human health)
Lead	7439-92-1 (231-100-4)	Toxic for reproduction (Article 57c)
Octamethylcyclotetrasiloxane (D4)	556-67-2 (209-136-7)	PBT (Article 57d); vPvB (Article 57e)
Terphenyl hydrogenated	61788-32-7 (262-967-7)	vPvB Art.57(e)

Additional Information:

The SVHC public consultation page:

<https://echa.europa.eu/substances-of-very-high-concern-identification>

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Technical Update: Europe Lighting Product Standards Update Summary

Date of Withdrawal for harmonized standards in 2018 for lighting products.

Standard	Title	Version of Standard	Part in Red will Become Compulsory from:
Luminaires, Lamps, Control Gear and Lampholder Products			
EN 62776	Double-capped LED lamps designed to retrofit linear fluorescent lamps - Safety specifications	EN 62776: 2015	2018-01-15
EN 61347-1	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1: 2015	2018-03-26
EN 60968	Self-ballasted fluorescent lamps for general lighting services - Safety requirements	EN 60968: 2015	2018-03-30
EN 62560	Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications	EN 62560:2012/ A1: 2015	2018-05-04
EN 60598-2-5	Luminaires - Part 2-5: Particular requirements - Floodlights	EN 60598-2-5: 2015	2018-09-10
EN 62722-1	Luminaire performance - Part 1: General requirements	EN 62722-1: 2016	2018-11-09
EN 62838	LEDs lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. - Safety specifications	EN 62838: 2016	2018-11-11

Impact on Supply Chain

Products need to comply with the new standards version when entering the European market. Product construction, marking, instruction manual and packaging will need updating and a change in design to comply with new standards version.

Our Professional Service

Bureau Veritas can provide professional label review and consultation services as well as one-stop testing, certification and inspection services for wireless and E&E products.

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Technical Update: Europe Audio video & IT Product Standards Update Summary

Date of Withdrawal for harmonized standards in 2018 for Audio video & IT products.

Standard	Title	Version of Standard	Part in Red will Become Compulsory from:
Audio video and IT Products			
EN 62080	Sound signalling devices for household and similar purposes	EN 62080: 2009/A2: 2015	2018-05-22
EN 62087-6	Audio, video and related equipment - Determination of power consumption - Part 6: Audio equipment	EN 62087-6:2015	2018-07-10

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Technical Update: Europe Household Product Standards Update Summary



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Date of Withdrawal for harmonized standards in 2018 for household products.

Standard	Title	Version of Standard	Part in Red will Become Compulsory from:
Household Products			
EN 60335-2-3	Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons	EN 60335-2-3: 2016	2018-10-05
EN 60335-2-6	Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances	EN 60335-2-6: 2015	2018-02-09
EN 60335-2-8	Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances	EN 60335-2-8: 2015	2018-07-20
		A1: 2016	2018-12-28
EN 60335-2-14	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines	EN 60335-2-14:2006/A11: 2012	2018-12-14
		EN 60335-2-14:2006/A12: 2016	
EN 60335-2-15	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids	EN 60335-2-15: 2016	2018-10-12
EN 60335-2-23	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care	EN 60335-2-23:2003/A12: 2016	2018-12-07
EN 60335-2-25	Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens	EN 60335-2-25:2012/A2: 2016	2018-12-28
EN 60335-2-35	Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters	EN 60335-2-35: 2016	2018-10-12


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Technical Update: Europe Household Product Standards Update Summary

Date of Withdrawal for harmonized standards in 2018 for household products.

Standard	Title	Version of Standard	Part in Red will Become Compulsory from:
Household Products			
EN 60335-2-54	Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam	EN 60335-2-54:2008/A1: 2015	2018-09-09
EN 60335-2-80	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans	EN 60335-2-80: 2015	2018-05-21

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REACH: New Restriction for Phthalates Planned

The European Commission notified the World Trade Organization (WTO) about the plan to restrict four Phthalates (DEHP, DBP, BBP, and DIBP) in toys and childcare articles as well as in any plasticized material having contact with human mucous membranes or prolonged contact with human skin.



Background

Since years, three Phthalates, Di(2-ethylhexyl) phthalate (DEHP), Dibutyl phthalate (DBP), and Benzyl butyl phthalate (BBP), are restricted in toys and childcare articles under REACH (EC 1907/2006). Now the European Commission notified the World Trade Organization about a planned amendment of Entry 51 of the Annex XVII of REACH.

The restriction of Phthalates will be extended to four phthalates by adding Diisobutyl phthalate (DIBP) to the list. Therefore, plasticized materials in toys and childcare articles may not contain more than 0.1% (1000 mg/kg) of the sum of DEHP, DBP, BBP, and DIBP.

Furthermore, this restriction will be extended to any plasticized material having contact with human mucous membranes or prolonged contact with human skin.

In the sense of this restriction

(a) "plasticised material" means the following homogeneous materials:

- polyvinyl chloride (PVC), other polymers such as polyvinylidene chloride (PVDC) and polyvinyl acetate (PVA), as well as any other plastics, except polyolefins,
- rubber, except silicone rubber and natural latex coatings,
- polyurethanes and any other foam rubber or foam plastic,
- surface coatings, non-slip coatings, finishes, decals, printed designs,
- adhesives, sealants, paints and inks.

(b) "prolonged contact with human skin" means continuous contact of more than 10 minutes duration or intermittent contact over a period of 30 minutes, per day.

(c) "childcare article" shall mean any product intended to facilitate sleep, relaxation, hygiene, the feeding of children or sucking on the part of children."

Some derogations are provided. The proposal is expected to be published in the second half of 2018. Proposed date of entry into force will be 20 days from publication in the Official Journal of the EU. Application of the restriction would be deferred for 18 months after entry into force.

Additional Information:

WTO notification:

https://docs.wto.org/dol2fe/Pages/FE_Search/ExportFile.aspx?id=244152&filename=q/G/TBTN18/EU564.pdf

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REACH: Two New SVHC identified

The European Commission identified two new Substances of Very High Concern (SVHC) under REACH. Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) and dicyclohexyl phthalate (DCHP) will be added to the ECHA Candidate list at the next scheduled update.



Background

By publishing two Commission Implementing Decisions the European Commission identified two new substances of very high concern. Therefore the ECHA Candidate list is extended at the next scheduled update, currently foreseen for the end of June or beginning of July 2018.

Once a substance is put on the candidate list, producers, importers or suppliers may have to consider communication obligations (Article 33 of REACH regulation) that require them to provide business clients and consumers with information on the safe use of any product containing SVHC exceeding 0.1% (w/w). Retailers have 45 days to respond to an inquiry by consumers in regards to the presence of SVHC in the product.

List of new SVHC

Substance name	CAS No.	Remarks*
Dicyclohexyl phthalate (DCHP)	84-61-7	Might be used as plasticisers example in plastisol and in PVC, rubber and plastic articles. Might be used as well as phlegmatizer and dispersing agent for formulations of organic peroxides.
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)	552-30-7	Might be used in the production of polymers and esters, such as synthesis of plasticizers for PVC resins or reactant in wire and cable insulation enamels and polyester resins for powder coating. Also used in laboratories. Exposure to TMA is not expected for consumers.

*Note: Remarks are based on information provided in the Annex XV dossier by the submitting EU Member State

Additional Information

Link for Dicyclohexyl phthalate (DCHP), (EU) 2018/636

http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2018.105.01.0025.01.ENG&toc=OJ:L:2018:105:TOC

Link for Benzene-1,2,4-tricarboxylic acid 1,2 anhydride, (EU) 2018/594

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ:L:2018:099:TOC>

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Electrical & Electronics Products: Technical Update: EN & IEC Standards Update Summary



Date of Withdrawal for harmonized standards in 2018.

Standard	Title	Version of Standard	Part in Red will Become Compulsory from:
Household Products			
EN 60335-2-3	Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons	EN 60335-2-3:2016	2018-10-05
EN 60335-2-6	Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances	EN 60335-2-6:2015	2018-02-09
EN 60335-2-8	Part 2-8: Particular requirements for shavers, hair clippers and similar appliances	EN 60335-2-8:2015	2018-07-20
		A1:2016	2018-12-28
EN 60335-2-14	Part 2-14: Particular requirements for kitchen machines	EN 60335-2-14:2006/ A11:2012	2018-12-14
		EN 60335-2-14:2006/ A12:2016	
EN 60335-2-15	Part 2-15: Particular requirements for appliances for heating liquids	EN 60335-2-15:2016	2018-10-12
EN 60335-2-23	Part 2-23: Particular requirements for appliances for skin or hair care	EN 60335-2-23:2003/ A12:2016	2018-12-07
EN 60335-2-25	Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens	EN 60335-2-25:2012/ A2:2016	2018-12-28
EN 60335-2-35	Part 2-35: Particular requirements for instantaneous water heaters	EN 60335-2-35:2016	2018-10-12
EN 60335-2-54	Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam	EN 60335-2-54:2008/ A1:2015	2018-09-09
EN 60335-2-80	Part 2-80: Particular requirements for fans	EN 60335-2-80:2015	2018-05-21
EN 50229	Electric clothes washer-dryers for household use - Methods of measuring the performance	EN 50229:2015	2018-06-30

Standard	Title	Version of Standard	Part in Red will Become Compulsory from:
Luminaires, Lamps, Control Gear and Lampholder Products			
EN 62776	Double-capped LED lamps designed to retrofit linear fluorescent lamps - Safety specifications	EN 62776:2015	2018-01-15
EN 61347-1	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1:2015	2018-03-26
EN 60968	Self-ballasted fluorescent lamps for general lighting services - Safety requirements	EN 60968:2015	2018-03-30
EN 62560	Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications	EN 62560:2012/ A1: 2015	2018-05-04
EN 60598-2-5	Luminaires - Part 2-5: Particular requirements - Floodlights	EN 60598-2-5:2015	2018-09-10
EN 62722-1	Luminaire performance - Part 1: General requirements	EN 62722-1:2016	2018-11-09
EN 62838	LEDsi lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. - Safety specifications	EN 62838:2016	2018-11-11
Audio video and IT Products			
EN 62080	Sound signalling devices for household and similar purposes	EN 62080:2009/A2: 2015	2018-05-22
EN 62087-6	Audio, video and related equipment - Determination of power consumption - Part 6: Audio equipment	EN 62087-6:2015	2018-07-10
Tools Products			
EN 60745-2-3	Particular requirements for grinders, polishers and disk-type sanders	EN 60745-2-3/A13: 2015	2018-09-28
EN 62841-2-2	Particular requirements for hand-held screwdrivers and impact wrenches	EN 62841-2-2:2014	2018-06-26
Apparatus products			
EN 61008-1	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)	EN 61008-1:2012/A11: 2015	2018-07-06
EN 61009-1	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)	EN 61009-1:2012/A11: 2015	2018-07-06
EN 60320-1	Appliance couplers for household and similar general purposes	EN 60320-1:2015	2018-07-29
EN 61010-031	Hand-held probe assemblies for electrical measurement and test	EN 61010-031:2015	2018-07-03

Standard	Title	Version of Standard	Part in Red will Become Compulsory from:
EMC & EMF			
EN 55014-2	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2 : Immunity – Product family standard	EN 55014-2:2015	2018-03-25
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	EN 55015:2013/A1:2015	2018-05-01
EN 55032	Electromagnetic compatibility of multimedia equipment - Emission requirements	EN 55032:2015	2018-05-05
EN 55024	Information technology equipment - Immunity characteristics - Limits and methods of measurement	EN 55024:2010/A1:2015	2018-05-22
EN 62493	Assessment of lighting equipment related to human exposure to electromagnetic fields	EN 62493:2015	2018-04-14
New Published IEC Standards in 2018 (January – April)			
Household Products			
Standard	Title	Version of Standard	Publish date
IEC 60204	Safety of machinery - Electrical equipment of machines - ALL PARTS	IEC 60204:2018 SER	2018-02-20
IEC 60335-2-5	Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers	IEC 60335-2-5:2012+AMD1:2018 CSV	2018-02-09
IEC 60335-2-6	Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances	IEC 60335-2-6/AMD1:2018 PRV	2018-03-16
IEC 60335-2-24	Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	IEC 60335-2-24:2010+AMD2:2017/I SH1:2018	2018-03-28
IEC 60335-2-40	Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40:2018	2018-01-26
IEC 60335-2-71	Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals	IEC 60335-2-71:2018	2018-01-23
IEC 60335-2-76	Part 2-76: Particular requirements for electric fence energizers	IEC 60335-2-76:2018 PRV	2018-04-13
IEC 60335-2-86	Part 2-86: Particular requirements for electric fishing machines	IEC 60335-2-86:2018	2018-04-20
IEC 60335-2-87	Part 2-87: Particular requirements for electrical animal stunning equipment	IEC 60335-2-87:2016+AMD1:2018	2018-02-21
IEC 60335-2-114	Part 2-114: Particular requirements for self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes	IEC 60335-2-114:2018	2018-04-10
IEC 60675	Household electric direct-acting room heaters - Methods for measuring performance	IEC 60675:1994+AMD1:1998+AMD2:2018 CSV	2018-04-20

Standard	Title	Version of Standard	Publish date
Apparatus products			
IEC 60947	Low-voltage switchgear and controlgear - ALL PARTS	IEC 60947:2018 SER	2018-01-08
IEC 60331-1	Tests for electric cables under fire conditions	IEC 60331-1:2018 RLV	2018-03-28
IEC 60331-2	Tests for electric cables under fire conditions	IEC 60331-2:2018 RLV	2018-03-28
IEC 60331-3	Tests for electric cables under fire conditions	IEC 60331-3:2018 RLV	2018-03-28
EMC & EMF			
CISPR 16-1-1	Interpretation sheet 1 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	CISPR 16-1-1:2015/ISH1:2018	10-Apr-2018
CISPR 16-4-2	Amendment 2 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty	CISPR 16-4-2/AMD2:2018 PRV	13-Apr-2018
IEC 61000-3	Electromagnetic compatibility (EMC) - Part 3: Limit - ALL PARTS	IEC 61000-3:2018 SER	29-Jan-2018
IEC 61000-3-2	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)	IEC 61000-3-2:2018	26-Jan-2018
photovoltaic (PV) products			
IEC 62282-5-100	Fuel cell technologies - Part 5-100: Portable fuel cell power systems - Safety	IEC 62282-5-100:2018	12-Apr-2018
IEC 61215-2	Corrigendum 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures	IEC 61215-2:2016/COR1:2018	8-Mar-2018
IEC 62477-2	Safety requirements for power electronic converter systems and equipment - Part 2: Power electronic converters from 1 000 V AC or 1 500 V DC up to 36 kV AC or 54 kV DC	IEC 62477-2:2018 PRV	23-Mar-2018
Luminaires, Lamps, Control Gear and Lampholder Products			
IEC 60238	Corrigendum 1 - Amendment 1 - Edison screw lampholders	IEC 60238:2016/AMD1: 2017/COR1:2018	2018-01-30
IEC 60825	Safety of laser products - ALL PARTS	IEC 60825:2018 SER	2018-02-20
IEC 61347-2-14	Lamp controlgear - Part 2-14: Particular requirements for DC and/or AC supplied electronic controlgear for fluorescent induction lamps	IEC 61347-2-14:2018	2018-02-27
IEC 62031	LED modules for general lighting - Safety specifications	IEC 62031:2018	2018-03-08
IEC 62504	General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions	IEC 62504:2014/AMD1: 2018 CSV	2018-03-13

Standard	Title	Version of Standard	Publish date
Battery			
IEC 60086	Primary batteries - ALL PARTS	IEC 60086:2018 SER	2018-02-20
Apparatus products			
IEC 60320-2-1	Appliance couplers for household and similar general purposes - Part 2-1: Sewing machine couplers	IEC 60320-2-1:2018	2018-02-27
IEC 60320-2-3	Part 2-3: Appliance couplers with a degree of protection higher than IPX0	IEC 60320-2-3:2018 PRV	2018-04-06
IEC 60320-2-4	Part 2-4: Couplers dependent on appliance weight for engagement	IEC 60320-2-4:2018 PRV	2018-04-06
IEC 60695-6-2	Fire hazard testing - Part 6-2: Smoke obscuration - Summary and relevance of test methods	IEC 60695-6-2:2018 PRV	2018-03-30
IEC 60730-2-9	Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing control	IEC 60730-2-9:2015+AMD1:2018 CSV	2018-01-26
IEC 60799	Electrical accessories - Cord sets and interconnection cord sets	IEC 60799:2018	2018-03-08

Impact on Supply Chain

Products need to comply with the new standards version when entering the European market. Product construction, marking, instruction manual and packaging needs updating and a change in design to comply with new standards version.

Our Professional Service

Bureau Veritas can provide professional label review and consultation services as well as one-stop testing, certification and inspection services for wireless and E&E products.

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Newsbytes

EU Commission Amends Toy Safety Directive 2009/48/EC with Respect to Chromium VI Limits

Annex II of the Toy Safety Directive applies specific limit values for heavy metals and organic tin in materials used in toys.

One of the limit values for chromium VI has been amended.
The change only affects the “scraped-off toy material” category.

Summary of Changes

	mg/kg in dry, brittle, powder-like or pliable toy material	mg/kg in liquid or sticky toy material	mg/kg in scraped-off toy material
Chromium VI (current limits)	0.02	0.005	0.2
Chromium VI (revised limits)	0.02	0.005	0.053

An 18 month transition period will apply.
The revised limit will apply from **18th November 2019**.

How Does this Impact You? Contact Us to Discuss

Bureau Veritas can assist you with your toy testing needs. If you have any comments and/or questions, please contact your customer service representative or visit: www.bureauveritas.co.uk/cps, www.bureauveritas.fr, or www.bureauveritas.de/cps

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18NB-014, May 2018

REACH: Ten New Substances Listed as SVHC

On 27 June 2018, the European Chemicals Agency (ECHA) announced ten new substances will be viewed as Substance of Very High Concern (SVHC) and have been added to the Candidate List under REACH regulation (EC) 1907/2006. The ECHA Candidate List now contains 191 substances.



Background

After inviting interested parties to comment on the addition of eight potential new SVHCs and the two previous released European Commission Decisions for identifying of TMA* & DCHP** as SVHCs, the Member States Committee agreed on including the ten new substances to the ECHA Candidate List. Therefore the list now contains 191 substances in total.

Once a substance is put on the Candidate List, producers, importers or suppliers may have information obligations if the article contains more than 0.1% of an SVHC. Notification of the ECHA is required as well if the total amount of the specific SVHC exceeds 1 ton/ year.

The Ten New SVHCs:

Name	CAS no. (EC no.)	Reason for Inclusion	Potential Uses
Octamethylcyclotetrasiloxane (D4)	556-67-2 (209-136-7)	PBT (Article 57d); vPvB (Article 57e)	Used in washing and cleaning products, polishes and waxes and cosmetics and personal care products.
Decamethylcyclopentasiloxane (D5)	541-02-6 (208-764-9)	PBT (Article 57d); vPvB (Article 57e)	Used in washing and cleaning products, polishes and waxes, cosmetics and personal care products, textile treatment products and dyes.
Dodecamethylcyclohexasiloxane (D6)	540-97-6 (208-762-8)	PBT (Article 57d); vPvB (Article 57e)	Used in washing and cleaning products, polishes and waxes, cosmetics and personal care products.
Lead	7439-92-1 (231-100-4)	Toxic for reproduction (Article 57c)	Used in metals, welding and soldering products, metal surface treatment products, and polymers.
Disodium octaborate	12008-41-2 (234-541-0)	Toxic for reproduction (Article 57c)	Used in anti-freeze products, heat transfer fluids, lubricants and greases, and washing and cleaning products.
Benzo[ghi]perylene	191-24-2 (205-883-8)	PBT (Article 57d); vPvB (Article 57e)	Not registered under REACH. Normally not produced intentionally but rather occurs as a constituent or impurity in other substances.
Terphenyl hydrogenated	61788-32-7 (262-967-7)	vPvB (Article 57e)	Used as a plastic additive, solvent, in coatings/inks, in adhesives and sealants, and heat transfer fluids.

The Ten New SVHCs (Con't):

Name	CAS no. (EC no.)	Reason for Inclusion	Potential Uses
Ethylenediamine (EDA)	107-15-3 (203-468-6)	Equivalent level of concern having probable serious effects to human health (Article 57f) - <i>Respiratory sensitising properties</i>	Used in adhesives and sealants, coating products, fillers, putties, plasters, modelling clay, pH regulators and water treatment products.
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)*	552-30-7 (209-008-0)	Equivalent level of concern having probable serious effects to human health (Article 57f) - <i>Respiratory sensitising properties</i>	Used in the manufacture of esters and polymers.
Dicyclohexyl phthalate (DCHP)**	84-61-7 (201-545-9)	Toxic for reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57f) - <i>Endocrine disrupting properties</i>	Used in plastisol, PVC, rubber and plastic articles. A further use is also as a phlegmatizer and dispersing agent for formulations of organic peroxides.

Note: * EC Decision (EU) 2018/594 on Apr. 13, 2018 & ** EC Decision (EU) 2018/636 on Apr. 17, 2018

Additional Information:

The Full ECHA Candidate List:

<https://echa.europa.eu/candidate-list-table>

The ECHA announcement – 10 new SVHCs:

<https://echa.europa.eu/-/ten-new-substances-added-to-the-candidate-list>

How Does this Impact You? Contact Us to Discuss

If you have any comments and/or questions, please contact your customer service representative or visit: www.bureauveritas/cps

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July 2018, 18B-024

EU TOY STANDARD FOR MECHANICAL AND PHYSICAL PROPERTIES IS AMENDED (EN 71-1:2014+A1:2018)



**BUREAU
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The EU toy standard for mechanical and physical properties has been amended and published by CEN.

Three relatively major draft amendments for Cords, Projectiles and “Various” requirements have been worked upon for the last few years and this has now resulted in the publication of a combined single amendment.



Summary of Changes

Cords

The requirements from EN 14682 (Cords and drawstrings on children’s clothing) have been introduced, with some modifications. Cords that become detached from the costume by a force of 25N will be permitted. The requirements will apply to toy disguise costumes for children of all ages (not just for costumes for children under 36 months).

Also, clause 5.4 has been rewritten. The aim is to make the requirements clearer and easier to understand.

Projectiles

- to introduce a kinetic energy density requirement instead of kinetic energy. This takes into account the impact area of the projectile. A larger impact area will allow for a greater kinetic energy without increasing the risk of injury,
- to include a requirement about improvised projectiles. Projectile toys with stored energy should only be able to fire the projectiles that are supplied with the toy,
- a revised requirement for “leading parts” of projectiles, instead of tip radius,
- an exclusion for projectiles that travel only a short distance (300 mm maximum),
- new requirements for toy catapults and projectiles propelled by an elastic band,
- new requirements for rotors and propellers on flying toys

“Various”

- amended test method for scooters,
- clarification of requirements for stoppers on inflatable and aquatic toys,
- clarity on the braking requirements for free-wheeling tricycles with an attached parent handle,
- various other changes to tidy up and clarify certain requirements

Please refer to the actual standard for the full and detailed requirements.

It is anticipated that the amended standard will be “Harmonised” by the European Commission in due course and its reference should be published in the Official Journal. This publication will give a transitional period. During this period, either the current edition or the amended edition can be used to demonstrate conformity with the essential safety requirements of the Toy Directive 2009/48/EC.

Bureau Veritas Assistance

Bureau Veritas can assist you with your toy testing needs. If you have any comments and/or questions, please contact your customer service representative or visit: www.bureauveritas.co.uk/cps, www.bureauveritas.fr, or www.bureauveritas.de/cps

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Newsbytes

EU Commission “Harmonizes” Amended EN 71-3 Toy Standard with Respect to Lead Limits

Annex II of the Toy Safety Directive applies specific limit values for heavy metals and organic tin in materials used in toys.

The limit values for lead have been amended, as follows:

Summary of Changes

	mg/kg in dry, brittle, powder-like or pliable toy material	mg/kg in liquid or sticky toy material	mg/kg in scraped-off toy material
Lead (current limits)	13.5	3.4	160
Lead (revised limits)	2.0	0.5	23

EU Member States must adopt and publish by 28th October 2018 at the latest necessary laws to comply with the amended limits and shall apply those limits from **28th October 2018**.

EN 71-3 has now been amended accordingly and published with the lower limits (EN 71-3:2013+A3:2018).

The EU Commission has published the reference to Amendment A3 of EN 71-3 in the Official Journal, meaning that the latest edition of the standard has now been “harmonized” and can be used to demonstrate a presumption of conformity with the essential safety requirements of the Toy Safety Directive 2009/48/EC.

Bureau Veritas Assistance

Bureau Veritas can assist you with your toy testing needs. If you have any comments and/or questions, please contact your customer service representative or visit: www.bureauveritas.co.uk/cps, www.bureauveritas.fr, or www.bureauveritas.de/cps

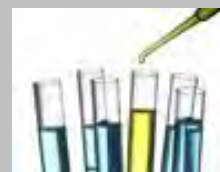
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18NB-028, August 2018

Public Consultation on Six Potential SVHC under REACH

The European Chemical Agency has launched a new public consultation concerning six potential SVHC. Stakeholders can provide comments on these proposed SVHC until 19 October 2018. Comments will be taken into account when deciding whether the substances will be added to the ECHA Candidate List of SVHC.



Background

On 4 September 2018, the European Chemicals Agency (ECHA) published six new potential Substances of Very High Concern (SVHC) candidates (see table). After preparing dossiers for the substances, the ECHA has now invited interested parties to a public consultation in which they can provide comments within a timeframe of 45 days (until 19 October 2018).

A decision will be made as to whether the substances will be included to the ECHA Candidate List of SVHC after the consultation.

The Six Potential SVHCs:

Name	CAS no. (EC no.)	Reason for inclusion
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6 (401-720-1)	Toxic for reproduction (Article 57c)
Benzo[k]fluoranthene	207-08-9 (205-916-6)	Carcinogenic (Article 57a); PBT (Article 57d); vPvB (Article 57e)
Fluoranthene	206-44-0 (205-912-4)	PBT (Article 57d); vPvB (Article 57e)
Phenanthrene	85-01-8 (201-581-5)	vPvB (Article 57e)
Pyrene	129-00-0 (204-927-3)	PBT (Article 57d); vPvB (Article 57e)
Undecafluorohexanoic acid and its ammonium salt	307-24-4; 21615-47-4 (206-196-6; 244-479-6)	Equivalent level of concern having probable serious effects to human health and environment (Article 57f)

Additional Information:

The SVHC public consultation page:

<https://echa.europa.eu/substances-of-very-high-concern-identification>

How Does this Impact You? Contact Us to Discuss

If you have any comments and/or questions, please contact your customer service representative or contact us at info@us.bureauveritas.com.

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BS EN 16781:2018 Safety Requirements and Test Methods for Children's Sleep Bags Replaces BS8510



**BUREAU
VERITAS**

There is a new European standard for the safety requirements and test methods for children's sleep bags for use in a cot.

This was published 24th August 2018.



Changes

The age has been specified more clearly as 0-24 months whereas previously it was over six months.

Design Characteristics/Mechanical

Hazards:

- A number of stipulations aligned with CEN/TR 16792 have been added with regards to mechanical hazards and design features. Reference is also made to BS EN 14682
- Neck opening to be measured under tension by new method with three age groups not two as guidelines.

Chemical Hazards

- The use of chemical flame retardants is not recommended

Thermal hazards (hypothermia and hyperthermia)

- The test method has been changed and the maximum allowed tog is 4.5

Fire hazards

- Raised fabric tested for surface flash according to EN 1103

Hygiene hazards

- Due to the increased use of down and recycled fibres, all fillings to be hygienic and tested to prove

User information

- Clearer more detailed instructions to be given to the consumer

Please refer to the actual standard for the full and detailed requirements.

How Does this Impact You? Contact Us to Discuss

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European Commission Restricts Certain CMR substances in Clothing, Footwear and Other Textile Articles

On October 12, 2018, the European Commission published Commission Regulation (EU) 2018/1513 which amended REACH Annex XVII by creating a new entry 72 in the Official Journal of the European Union (OJEU). This new entry include new restrictions for the use of 33 substances known to cause cancer and reproductive health problems for their use in clothing, footwear and other textile articles.



Summary of the Restriction

Requirement

Certain substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR), category 1A or 1B (listed in Appendix 12) shall not be placed on the market after **November 1, 2020** in any of the following products if the substance is present in a concentration, measured in homogeneous material, equal to or greater than that specified for that substance:

- Clothing or related accessories (including inter alia, sportswear and bags)
- Textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing (for example bedlinen, blankets, upholstery or reusable nappies)
- Footwear

Exemption

- Clothing, related accessories or footwear, or parts of clothing, related accessories of footwear made exclusively of natural leather, fur or hide
- Non-textile fasteners and non-textile decorative attachments
- Second-hand clothing, related accessories, textiles other than clothing or footwear
- Wall-to-wall carpets and textile floor coverings for indoor use, rugs and runners
- Personal protective equipment within the scope of Regulation (EU) 2016/425 and medical devices within the scope of Regulation (EU) 2017/745
- Disposable textiles (designed to be used only once for a limited time and are not intended for subsequent use for the same or a similar purpose)

Restricted substances and maximum concentration limits by weight in homogenous materials (Appendix 12)

	Substances	CAS No.	Concentration limit by weight
Heavy metal	Cadmium and its compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)	-	1 mg/kg each (expressed as metal that can be extracted from the material)
	Chromium VI compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)	-	
	Arsenic compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)	-	
	Lead and its compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)	-	
Benzene	Benzene	71-43-2	5 mg/kg
PAH	Benz[a]anthracene	56-55-3	1 mg/kg each
	Benz[e]acephenanthrylene; benzo[b]fluoranthene	205-99-2	
	Benzo[a]pyrene; benzo[def]chrysene	50-32-8	
	Benzo[e]pyrene	192-97-2	
	Benzo[j]fluoranthene	205-82-3	
	Benzo[k]fluoranthene	207-08-9	
	Chrysene	218-01-9	
	Dibenz[a,h]anthracene	53-70-3	

	Substances	CAS No.	Concentration limit by weight
Chlorotoluenes	α , α , α , 4-tetrachlorotoluene; p-chloro-benzotrichloride	5216-25-1	1 mg/kg each
	α , α , α -trichlorotoluene; benzotrichloride	98-07-7	
	α -chlorotoluene; benzyl chloride	100-44-7	
Formaldehyde	Formaldehyde	50-00-0	75 mg/kg *Jackets, coats or upholstery: concentration: 300 mg/kg (during the period between November 1, 2020 and November 1, 2023)
Phthalates	1,2-benzenedicarboxylic acid; di-C 6-8-branched alkylesters, C 7-rich	71888-89-6	1000 mg/kg (individually or in combination with other phthalates in this entry or in other entries of Annex XVII that are classified in Part 3 of Annex VI to Regulation (EC) No 1272/2008 in any of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity, category 1A or 1B)
	Bis(2-methoxyethyl) phthalate	117-82-8	
	Diisopentylphthalate	605-50-5	
	Di-n-pentyl phthalate (DPP)	131-18-0	
	Di-n-hexyl phthalate (DnHP)	84-75-3	
Solvent	N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone (NMP)	872-50-4	3000 mg/kg each
	N,N-dimethylacetamide (DMAC)	127-19-5	
	N,N-dimethylformamide; dimethyl formamide (DMF)	68-12-2	
Dyestuff	1,4,5,8-tetraaminoanthraquinone; C.I. Disperse Blue 1	2475-45-8	50 mg/kg each
	Benzenamine, 4,4'-(4-iminocyclohexa-2,5-dienylidenemethylene)dianiline hydrochloride; C.I. Basic Red 9	569-61-9	
	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride; C.I. Basic Violet 3 with $\geq 0,1$ % of Michler's ketone (EC no. 202-027-5)	548-62-9	
Others	4-chloro-o-toluidinium chloride	3165-93-3	30 mg/kg
	2-Naphthylammoniumacetate	553-00-4	30 mg/kg
	4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisoole sulphate	39156-41-7	30 mg/kg
	2,4,5-trimethylaniline hydrochloride	21436-97-5	30 mg/kg
	Quinoline	91-22-5	50 mg/kg

Additional Information

Commission Regulation (EU) 2018/1513:

<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32018R1513&from=EN>

How Does this Impact You? Contact Us to Discuss

Bureau Veritas can assist you with your testing needs. If you have any comments and/or questions, please contact your customer service representative or info@us.bureauveritas.com.

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Newsbytes

EU Proposes to Strengthen the Migration Limits of Aluminium in Toys

On December 10, 2018, the European Commission has notified the World Trade Organisation (WTO) of a proposal to strengthen the migration limits of aluminium under the Toy Safety Directive. The proposal is expected to be adopted in the second quarter of 2019 and enter into application 18 months after publication in the Official Journal of the European Union (OJEU).

Background

According to the most recent available data on the toxicity of aluminium, the Scientific Committee on Health, Environmental and Emerging Risks (SCHEER) has considered a tolerable daily intake (TDI) of 0.3 mg/kg body weight per day as an appropriate base for revising the migration limits for aluminium from toys. Since children are exposed to aluminium also through sources other than toys, only 10% of the TDI is applied for the calculation of the resulting migration limits.

New Proposed Limits

	Current limit under Toy Safety Directive (mg/kg)	Proposed new limit under Toy Safety Directive (mg/kg)
Cat. I: Dry, brittle, powder-like or pliable toy material	5,625	2,250
Cat. II: Liquid or sticky toy material	1,406	560
Cat. III: Scrapped-off toy material	70,000	28,130

Additional Information

European Commission Draft Commission Directive:

https://members.wto.org/crnattachments/2018/TBT/EEC/18_6324_00_e.pdf

How Does this Impact You? Contact Us to Discuss

To find out how we can assist you, visit www.bureauveritas.de/cps, www.bureauveritas.co.uk/cps, www.bureauveritas.fr, or email: cps-hamburg@de.bureauveritas.com

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