



REPUBLIC OF SERBIA

Ministry of Agriculture and Environmental Protection

CEE and CAR Workshop on the Establishment of Legal Limits on Lead in Paint

19-20 May 2016, Chisinau, Republic of Moldova

NATIONAL CHEMICALS SOUND MANAGEMENT LEGISLATION IN THE FIELD OF RESTRICTIONS ON LEAD IN PAINTS IN THE REPUBLIC OF SERBIA

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LEGISLATIVE FRAMEWORK

Law on Chemicals

("Official Gazette of the RS", No 36/09, 88/10, 92/11, 93/12 and 25/15), entered into force in 2009

Rulebook on Bans and Restrictions of Production, Placing on the Market and Use of Chemicals ("Off. Gaz. of the RS", No 90/2013 and 25/15)

Harmonized with

REACH Regulation EU (Annex XVII)

RESTRICTIONS ON LEAD IN PAINTS

Placing on the market and use of CMR paints for general use contain lead and their compounds is not allowed in the RS since 2010

Industrial paints may contain lead

Rulebook on Import and Export of Certain Hazardous Chemicals ("Off. Gaz. of the RS" No. 89/10, 15/13 and 114/14)

Harmonized with

PIC Regulation EU

Prior Informed Consent Procedure before export and import chemicals contain lead

Conduction of PIC procedure for some lead compounds before export and import of chemicals contain lead compounds

Rulebook on Classification, Packaging, Labelling and Advertising of the Chemical and Certain Article in accordance with GHS for Classification and Labelling of the UN ("Off. Gaz. of the RS", No 105/13)

Rulebook on the List of Classified Substances ("Off. Gaz. of the RS", No 48/14) Harmonized with

CLP Regulation EU

PAINTS CONTAIN LEAD LABELING OBLIGATION

PAINTS



Substance containing lead
The label on the packaging of paints and materials containing lead in quantities exceeding 0.01 % (expressed as weight of lead) of the total weight of the mixture, as determined in accordance with ISO standard 15701, shall bear the following statement:
H302 — "Contains lead. Should not be used on surfaces liable to be chewed or sucked by children."
In the case of packages the contents of which are less than 125 ml, the statement may be as follows:
H302 — "Warning/Contains lead"

RULEBOOK on Chemicals Registry

LIST of Substances of Very High Concern

Harmonized with

Annex XIV of REACH EU

REPORTING TO THE NATIONAL CHEMICALS REGISTRY

Submission of Chemical Dossier and SVHC Dossier





INSTITUTIONAL FRAMEWORK

Competent Authorities Legislative and Enforcement	Obligations	National Legal Acts
<p>CA: Ministry of Agriculture and Environmental Protection (MAEP)</p> <ul style="list-style-type: none">• Department for Chemicals, MAEP <p>Enforcement authorities:</p> <ul style="list-style-type: none">• Environmental Inspection• Sanitary Inspection• Market Inspection	<ul style="list-style-type: none">• RESTRICTIONS ON LEAD IN PAINTS• PAINTS CONTAIN LEAD LABELING OBLIGATION• REPORTING TO THE NATIONAL CHEMICALS REGISTRY	<p>Law on Chemicals</p> <ul style="list-style-type: none">• Rulebook on Bans and Restrictions of Production, Placing on the Market and Use of Chemicals• Rulebook on Classification, Packaging, Labelling and Advertising of the Chemical and Certain Article in accordance with GHS for Classification and Labelling of the UN• Rulebook on Chemicals Registry• LIST of Substances of Very High Concern
<p>CA: Ministry of Agriculture and Environmental Protection (MAEP)</p> <ul style="list-style-type: none">• Department for Chemicals, MAEP <p>Enforcement authorities:</p> <ul style="list-style-type: none">• Custom administration• Environmental Inspection	<p>PRIOR INFORMED CONSENT PROCEDURE BEFORE EXPORT AND IMPORT CHEMICALS CONTAIN LEAD</p>	<p>Law on Chemicals</p> <ul style="list-style-type: none">• Rulebook on Import and Export of Certain Hazardous Chemicals





RESTRICTIONS ON LEAD PIGMENTS IN PAINTS

LEGAL BANS AND RESTRICTIONS ON LEAD COMPOUNDS IN CHEMICALS

16	<p>Lead carbonates:</p> <p>a) Neutral anhydrous carbonate, $PbCO_3$</p> <p>CAS No. 598-63-0 EC No.209-943-4</p> <p>b) Trilead-bis(carbonate)-dihydroxide</p> <p>$2PbCO_3 \cdot Pb(OH)_2$ CAS No.1319-46-6 EC No.215-290-6</p>	<ol style="list-style-type: none">1. Shall not be placed on the market, or used, as substances or in mixtures, where the substance or mixture is intended for use as paint.2. In accordance with the provisions of International Labour Organisation (hereinafter: ILO Convention) Convention on the use of white lead and sulphates of lead in paint, the use of the substance or mixture for the restoration and maintenance of works of art and historic buildings and their interiors is permitted.
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LEGAL BANS AND RESTRICTIONS ON LEAD COMPOUNDS IN CHEMICALS

28 and 30	<p>Substances which appear in the List of Classified Substances ("Official Gazette of the RS" No. 82/10) classified as carcinogen category 1A or 1B or carcinogen category 1 or 2 are given in Chapter 2 of this Annex</p> <ul style="list-style-type: none"> - Carcinogen category 1A/1. (Table 1.) - carcinogen category 1 B/2. (Table 2) - Reproductive toxicant category 1A /1. (R60, R61) (Table 5) - Reproductive toxicant category 1B /2. 	<p>Shall not be placed on the market, or used for supply to general public :</p> <ul style="list-style-type: none"> - as substances or as constituents of other substances, or, in mixtures, when the individual concentration in the substance or mixture is equal to or greater than: 1) Specific concentration limit given in List of Classified Substances ("Official Gazette of the RS", number 82/10); 2) Relevant concentration given in Rulebook on classification, packaging, labelling and advertising of chemical and certain product ("Official Gazette of the RS", number 59/10 and 25/11) <p>Suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:</p> <p>"Restricted to professional users"</p>
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**Annex - Table 1 Carcinogen substances, Category 1A/1.
Number of bans and restrictions: 28.**

Chemical name	Index number	EC number	CAS number	Symbol
lead hydrogen arsenate	082-011-00-0	232-064-2	7784-40-9	

**Annex - Table 5 Reproductive toxic substances, category 1A/1. (R60, R61)
Number of bans and restrictions 30.**

Chemical name of the substance	Index number	EC number	CAS number
Lead hexafluorosilicate	009-014-00-1	247-278-1	25808-74-6
Lead compounds with the exception of those specified elsewhere in this Annex	082-001-00-6		
Lead alkyls	082-002-00-1		
Lead diazide; Lead azide	082-003-00-7	236-542-1	13424-46-9
Lead chromate	082-004-00-2	231-846-0	7758-97-6
Lead di(acetate)	082-005-00-8	206-104-4	301-04-2
Trilead bis(orthophosphate)	082-006-00-3	231-205-5	7446-27-7
Lead acetate, basic;	082-007-00-9	215-630-3	1335-32-6
Lead(II) methanesulphonate	082-008-00-4	401-750-5	17570-76-2
Lead sulfochromate yellow; C.I. Pigment Yellow 34; [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77603.]	082-009-00-X	215-693-7	1344-37-2
Lead chromate molybdate sulfate red; C.I. Pigment Red 104; [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.]	082-010-00-5	235-759-9	12656-85-8
Lead hydrogen arsenate	082-011-00-0	232-064-2	7784-40-9
Lead 2,4,6-trinitro- <i>m</i> -phenylene dioxide; lead 2,4,6-trinitroresorcinoxide; lead styphnate	609-019-00-4	239-290-0	15245-44-0



STATISTIC OF PRODUCERS AND IMPORTERS OF PAINTS FOR INDUSTRIAL USE WHICH CONTAIN LEAD

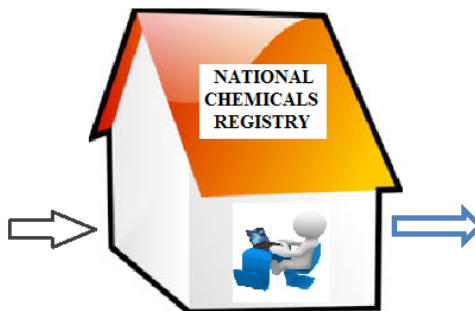


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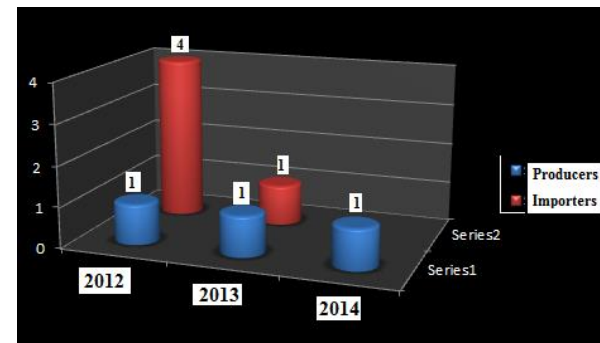
PAINTS PRODUCERS AND
IMPORTERS



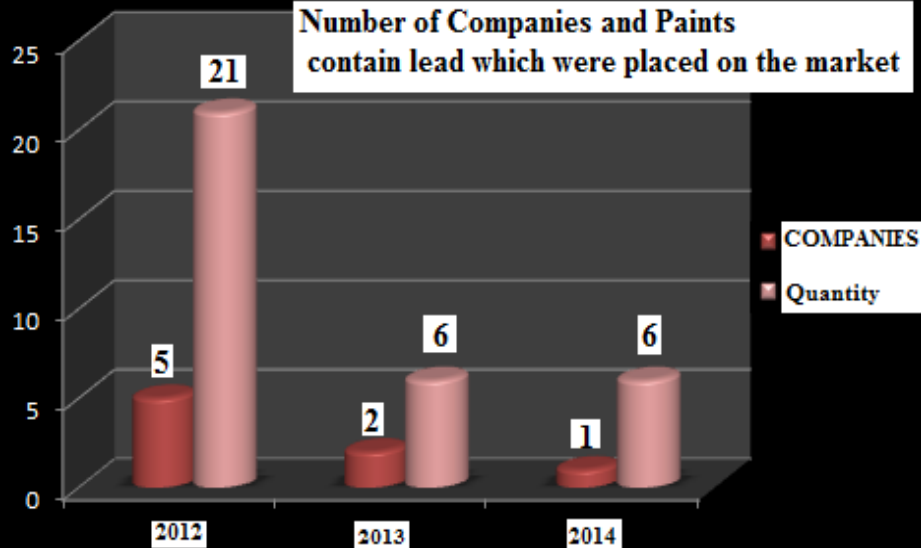
REPORTING
ON PAINTS
PLACED ON
THE MARKET



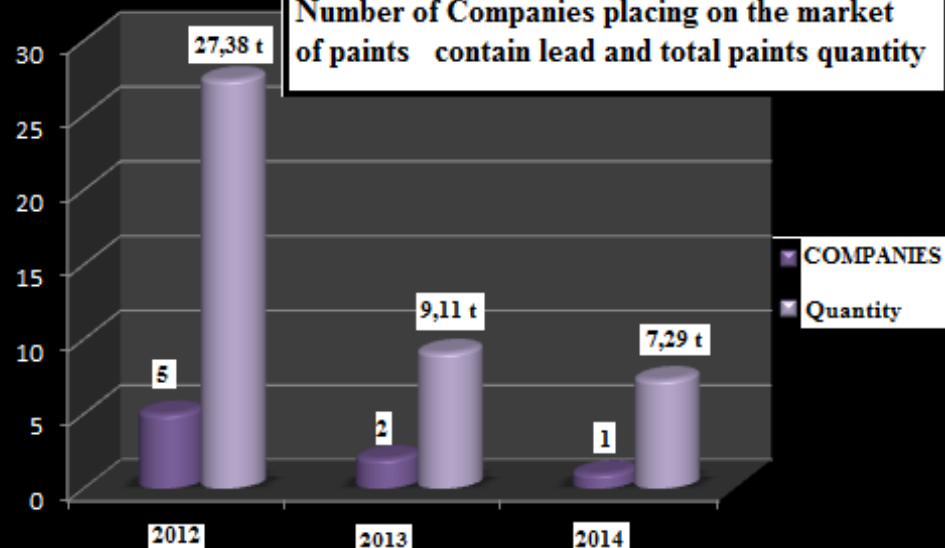
DATA
ANALYSIS



Number of Companies and Paints
contain lead which were placed on the market



Number of Companies placing on the market
of paints contain lead and total paints quantity





2012

RISE AWARENESS

SAICM QSP/UNDP Project "Capacity Building and Strategic Partnerships for Chemicals Safety in the Republic of Serbia"

2015-2016

EDUCATION OF CONSUMERS - LABELING OF CHEMICALS
IPA Twinning Project "Establishing Chemicals Sound Management System in the RS" funded by EU



Da li postoje zakoni koji nas štite?
U Srbiji od 2009. godine postoji Zakon o hemikalijama, kojim su prenete odredbe EU REACH Uredbe, i u tom zakonu propisane su zabrane prisustva pojedinih hemikalija u dečijim igračkama. Isteodim Evropska direktiva o igračkama još nije preuzeta našim propisima. Sa druge strane, prema WECF, Evropska direktiva o igračkama kao ni evropska uredba o hemikalijama, REACH, ne štite dovoljno našu decu jer su mnoge opasne hemikalije i dalje dozvoljene. Proizvođači igraćaka nisu u obavez da navedu koje hemikalije koriste čak i ako među njima ima opasnih.

Kako ovaj vodič može da pomogne?
Ne postoji obaveza navedenja hemijskog sastava u igračkama. S tim u skladu, kupovna bezbednih proizvoda je još teža. Vodič o bezbednosti igraćaka nudi informacije o opasnim hemikalijama i daje praktične savete o tome kako ih izbeći.

Slobodno pitajte!
Pitajte vase trgovca da li igračka sadri određene opasne supstance, a oni su u obavez da vam odgovore. Ovo važi samo za neke hemikalije koje se smatraju supstancama koje iznaju jak miris hemikalija, parfema ili su neugodne na dodir.

Zelitte više informacija?
www.wecf.eu
www.alhem.rs
www.eko.mipolj.gov.rs

Saveti!

- Nikada manje znači više! Kupujte manje igraćaka, ali birajte kvalitet u odnosu na kvantitet
- Ne kupujte igraćake koje imaju jak miris hemikalija, parfema ili su neugodne na dodir
- Za malu decu: pazite da igraćaka nemaju sitne delove koji se mogu sknuti i progutati
- Svaku novu igraćaku otpakujte i ostavite je napolju da se dobro izvetri
- Na sajtu američkog centra za ekologiju HealthyStuff (www.eccocenter.org/healthy-stuff) možete pronaći procene bezbednosti za različite proizvođače igraćaka, čak i za pojedinačne proizvode
- Potražite jednoslavne igraćake od prirodnih materijala koje stvaraju miris deteta (gline, prirodne boje ili pravo drvo), deca će sama osetiti igraćaku
- Kupujte igraćake proizvedene od prirodnih materijala, bez opasnih hemikalija, kao što su ručno radene lutke ili drvene igraćake
- Igrajte se sa detetom na svežem vazduhu. Pokrižite dete da se bavi dodatnim aktivnostima gde će savladati neku veštinu, na primer naučiti da peva ili da sika. To će imati mnogo značajnijih uticaja na decu!

Lilivari
www.wecf.eu
www.projektinablog.org
www.eccocenter.org/healthy-stuff
www.eko.mipolj.gov.rs
www.narodnypromet.gov.rs
www.eko.mipolj.gov.rs

Opasne hemikalije	Potencijalni uticaj na zdravlje
Anilin	Izložen ako se pruga, učite ili dođe u kontakt s kožom, dovodi do teških alergijskih olova, samnja se da može da dovede do pojave karcinoma i do genetskih defekata
Bisfenol-A	Samnja se da može dovesti do učite na plodnost, narušava rad hormonskog sistema
Bromovani uporičasti gorenja (BFR)	Narušavaju rad hormonskog sistema, izloženje na reproduktivni sistem
Jedinjenja kadmijuma	Može da dovede do pojave karcinoma, samnja se da mogu da dovedu do genetskih defekata i da mogu dovesti do učite na plodnost ili plod, izloženje ako se pruga, učite ili dođe u kontakt s kožom, dovodi do učite na plodnost organa i do dugotrajnog ili višestrukog izloženja
Hlorovani parafini	Može da dovede do pojave karcinoma, narušavaju rad hormonskog sistema
Jedinjenja hroma	Može da dovede do pojave karcinoma, samnja se da mogu da dovedu do genetskih defekata i da mogu dovesti do učite na plodnost ili plod, dovode do učite na plodnost organa i do dugotrajnog ili višestrukog izloženja
Formaldehid	Može da dovede do pojave karcinoma, samnja se da može da dovede do genetskih defekata
Jedinjenja olova	Može da dovede do pojave karcinoma, izloženje na reproduktivni sistem i učite na razvoj nervnog sistema
Nonifeni	Narušava rad hormonskog sistema
Organska jedinjenja kalaja	Samnja se da mogu da dovedu do pojave karcinoma, narušavaju rad hormonskog sistema i učite na plodnost
Perfluorovana (PFC) jedinjenja	Samnja se da mogu da dovedu do pojave karcinoma, mogu dovesti do učite na plodnost ili plod i do dugotrajnog ili višestrukog izloženja
Platali (omekšivači)	Narušavaju rad hormonskog sistema, izloženje na reproduktivni sistem i učite na razvoj nervnog sistema
Trikloran	Narušava rad hormonskog sistema

Zaštitimo decu! Kako izbeći opasne hemikalije?

Ova brošura je adaptirana ALHem-Alternativa za bezbedne hemikalije prema modelu brošure "Safe toys" uz saglasnost međunarodne organizacije WECF-Women in Europe for a Common Future u okviru projekta "Sačinje kupovinu i stvaranje partnerstva za bezbedna i zdravija hemikalijama u RS".

Bezbedne igraćake

WECF | Women in Europe for a Common Future

ALHem

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SUMMARY HIGHLIGHTS

- Republic of Serbia has established legislative and institutional framework for Chemical sound management harmonized with EU legislation;
- Reduction of placing on the market and use of paints contain lead for industrial use after 2012;
- Central staff, enforcement authorities and industry have adequate knowledge on chemicals sound management;
- Awareness-raising activities are carried out continuously
- Republic of Serbia has help-desk for chemicals and BP for support industry, NGOs and other stakeholders



THANK YOU FOR YOUR ATTENTION

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