

**Regulation of lead in paints and
varnishes in the member states of the
Eurasian Economic Union**

Basic regulatory documents on the safety of products circulated within the Eurasian Economic Union (EAEU)

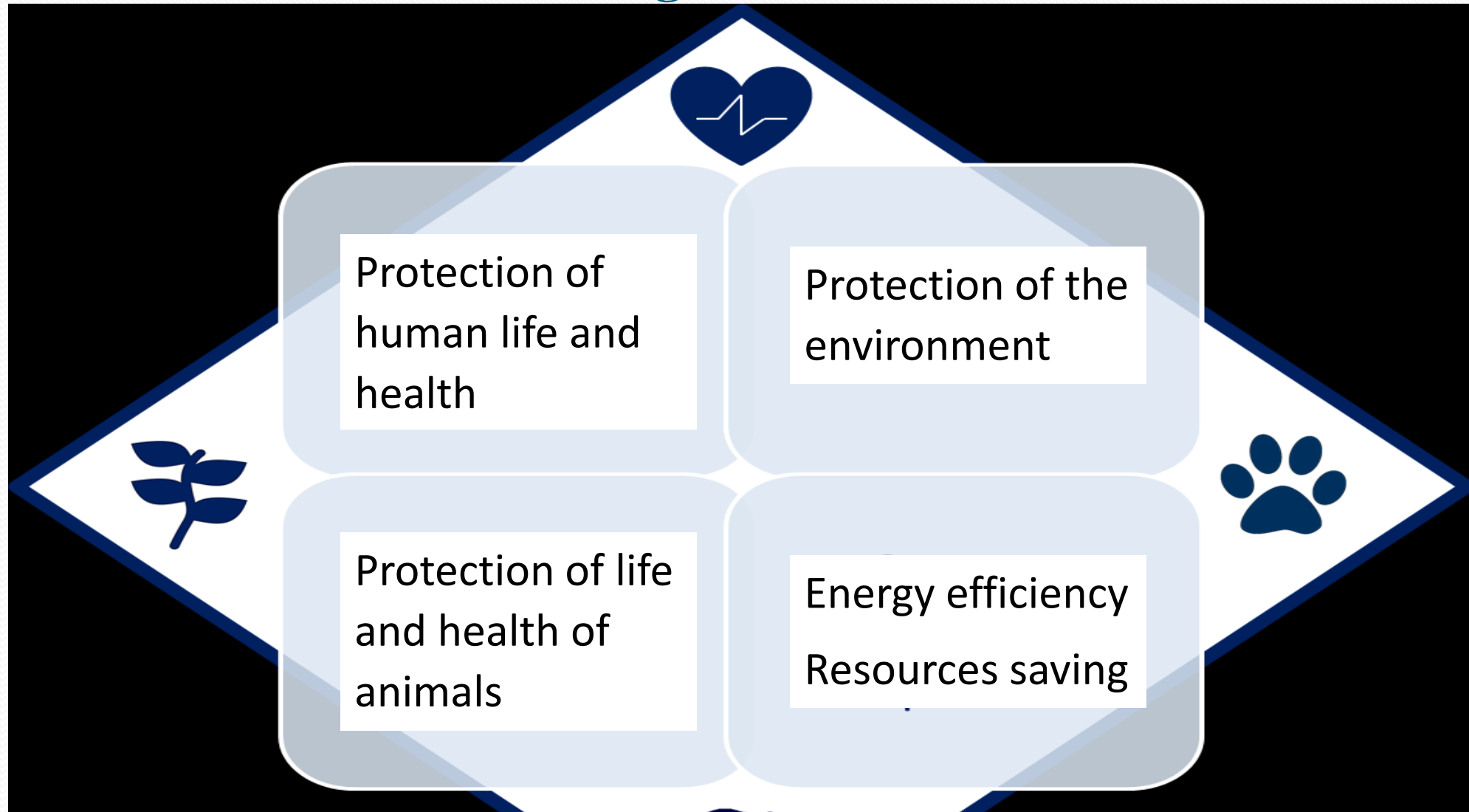
Unified sanitary-epidemiological and hygienic requirements for products subject to sanitary-epidemiological supervision (control) (USR EAA)

USR includes hygienic indicators and safety standards for controlled goods from the Unified List of goods subject to sanitary and epidemiological supervision (control) at the customs border and customs territory of the EAEU

Technical Regulations

The document adopted by the Eurasian Economic Commission (EEC) and establishing mandatory requirements for the application and enforcement in the territory of the Union to the objects of technical regulation, including safety indicators

The main tasks of the Unified Sanitary Requirements and Technical Regulations



Unified sanitary-epidemiological and hygienic requirements for products subject to sanitary-epidemiological supervision (control) (USR EAEU)

Developed in order to implement the provisions of the Customs Union Agreement on Sanitary Measures of December 11, 2009, in accordance with the Decision of the EEU Interstate Council (the highest body of the Customs Union) of December 11, 2009 N 28

Mandatory for compliance for the executive authorities of the EAEU member states, local governments, legal entities of any legal form, individual entrepreneurs, individuals

Establish hygienic indicators and safety standards for controlled goods included in the Unified List of goods subject to sanitary and epidemiological supervision (control) at the customs border and customs territory of the EAEU

Currently, the regulation of lead in paints and varnishes in the EAEU countries is carried out according to USR EAEU

Unified sanitary "Requirements for household chemicals and paints and varnishes" (paintwork materials)

The requirements for the lead content in paintwork materials are set in p. 2.3, subsection II. "The main requirements for paints and varnishes"

In paint and varnish lead-containing pigments (lead crown) - chemicals of hazard class 1 - 15%. Assessment of the presence of driers and lead-containing pigments is carried out by analyzing the formulation of paint and varnish materials

Paints and varnishes should not contain driers, including metals, chemicals of the 1st class of hazard, the amount of which in the dry residue exceeds 0.5%

TECHNICAL REGULATION AND STANDARDIZATION

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graph TD; A[TECHNICAL REGULATION AND STANDARDIZATION] --> B[The safety of products within the EAEU is ensured through the application of technical regulations]; A --> C[Standard - the main tool for the implementation of technical regulations; a document in which product specifications are established]; B --> D[The EAEU Technical Regulations is a document adopted by the EEC and establishing binding requirements for technical regulation in the Union territory]; B --> E[The development, adoption, amendment and cancellation of technical regulations of the Union shall follow the procedure approved by the EEC]; B --> F[Technical regulations of the EAEU are adopted to ensure the implementation of priority safety interests];
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Requirements to paint and varnish products in technical regulations

- Currently, 47 EAEU TRs are developed and agreed by the MS but 41 of them have not yet been adopted, 10 EAEU TRs are undergoing the process of coordination with the MS, including the draft Technical Regulations on Safety of Paints and Varnishes
- Draft TR “On safety of paintwork materials” is being developed by the Ministry of Industry and Innovations of the Republic of Kazakhstan, and currently, is discussed by the MS; Member States submitted their comments and suggestions to the project, they are discussed and agreed
- After the procedure of MS coordination, it is supposed to adopt this TP by 2021, by the time the EAEU TR On Chemical Products Safety is enforced (adopted in 2017); it also regulates to a certain extent the production and circulation of paints and varnishes; these two TRs are interrelated

Lead rationing in the project of the EAEU TR “On safety of paints and varnishes”

Paragraphs 12-14, chapters V. “Safety requirements for paints and varnishes” include requirements to lead

12. In the composition of paints for dyeing residential and (or) public premises use of the following chemicals is prohibited : mercury, arsenic, lead, cadmium and their compounds, as well as compounds of hexavalent chromium

13. Paints and varnishes should not contain driers, including metals, chemicals of hazard class 1, the amount of which in dry residue exceeds 0.5%

14. Paints and varnishes should not contain lead-containing pigments (lead crown) - chemicals of hazard class 1, the amount of which exceeds 15%. Assessment of the presence of driers and lead-containing pigments is carried out by analyzing the formulation of paints and varnishes

Сравнение нормирования свинца ЛКМ в ЕСТ и проекта ТР ЕАЭС

USR EAEU

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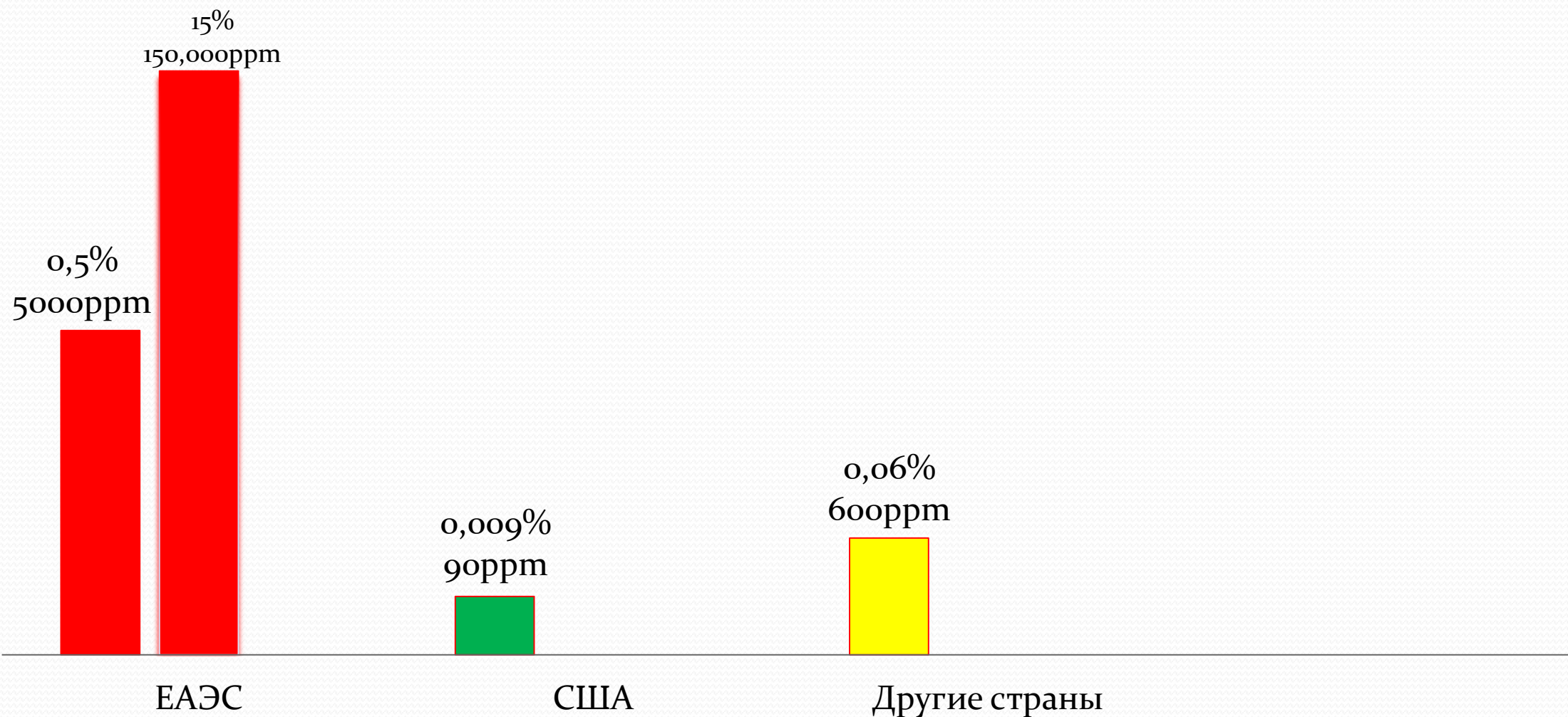
Draft TR EAEU

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Comparison of lead limits in paint and varnish materials in the EAEU and other countries



Issues that need to be addressed in terms of lead regulation in paint and varnish materials

Establishment of lead limits in paints and varnishes in the EAEU countries that correspond to the level recommended by WHO and UNEP: to include the recommended lead limits in the adopted TR "On safety of paints and varnishes" by joining efforts of the Ministries of Health of the EAEU countries

Development of regulatory documents governing the handling, control and supervision of the use of lead and control of other safety indicators in paints and varnishes: set the mechanisms of administrative punishments of violators, ban of marketing and destruction of products not corresponding the requirements, etc.

Enlargement and improvement of the laboratory and technical resources and methods for determining lead in paints and varnishes to ensure effective governmental control of the paint trade and establishing mandatory control of production at industry installations