

USDA Foreign Agricultural Service

GAIN Report

Global Agricultural Information Network

THIS REPORT CONTAINS ASSESSMENTS OF COMMODITY AND TRADE ISSUES MADE BY
USDA STAFF AND NOT NECESSARILY STATEMENTS OF OFFICIAL U.S. GOVERNMENT
POLICY

Voluntary Public

Date: 29.08.2012

GAIN Report Number: RS1253

Russian Federation

Post: Moscow

Customs Union Technical Regulation on Safety of Packaging

Report Categories:

FAIRS Subject Report

Sanitary/Phytosanitary/Food Safety

Policy and Program Announcements

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Report Highlights:

The Technical Regulation (TR) of the Russia-Kazakhstan-Belarus Customs Union (CU) on Safety of Packaging (TR CU 005/2011) is a key CU regulation covering standards and requirements for packaging, including that of food products, produced both as a finished product and as part of the products' manufacturing process. The TR was adopted by the CU Commission decision No. 769 of August 16, 2011, and has been in effect since July 1, 2012.

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General Information

The Technical Regulation (TR) of the Russia-Kazakhstan-Belarus Customs Union (CU) on Safety of Packaging (TR CU 005/2011) is a key CU regulation covering standards and requirements for packaging, including that of food products, produced both as a finished product and as part of the products’ manufacturing process. The TR was adopted by the CU Commission decision No. 769 of August 16, 2011, and has been in effect since July 1, 2012.

Below is an unofficial translation of the following:

- CU Commission Decision No. 769 of August 16, 2011, as amended;
- CU Technical regulation on Safety of Packaging (TR CU 005/2011), as amended, with four annexes
- Two Lists of applicable Standards

CU Commission Decision No. 769 of August 16, 2011

On Adoption of the Technical Regulation of the Customs Union “On Safety of Packaging”

(as amended by Decision of the Eurasian Economic Commission’s Collegium No. 93
of June 22, 2012)

In accordance with Article 13 of the Agreement on common principles and rules of technical regulation in the Republic of Belarus, Kazakhstan and the Russian Federation of November 18, 2010, the Commission of the Customs Union (hereinafter – the Commission) has decided to:

1. Adopt the Technical Regulation of the Customs Union "On Safety of Packaging" (TR TS 005/2011) (attached).

2. Approve:

2.1. The list of standards voluntary application of which ensures compliance with the requirements of the Technical Regulation of the Customs Union “On Safety of Packaging” (TR TS 005/2011) (attached);

2.2. List of Standards containing the rules and methods of examination (testing) and measurement, including the rules for selection of samples required for application and meeting of the requirements of the Technical Regulation of the Customs Union “On Safety of Packaging” (TR TS 005/2011) and carrying out of assessment (confirmation) of products’ conformity (attached).

3. Establish that:

3.1. the Technical Regulation of the Customs Union “On Safety of Packaging” (TR TS 005/2011) (hereinafter – the Technical Regulation) shall come into force on 1 July 2012;

3.2. the documents on assessment (confirmation) of compliance with the statutory requirements established by the legislation of the Customs Union member-states or the regulations of the Customs Union, issued or adopted in relation to goods which are subjects of the technical regulation of the Technical Regulation (hereinafter – the products), before coming into force of the Technical Regulation are valid until the expiration of their validity, but no later than February 15, 2014, except for such documents that were issued or adopted prior to the date of official publication of the present Decision, which shall be valid until the expiry of their validity.

From the date of entry into force of the Technical Regulation issuance or adoption of the documents for assessment (confirmation) of conformity of the products to the mandatory requirements that were previously established by the legislation of the Customs Union member-states or the regulations of the Customs Union, is not allowed;

3.3. Until February 15, 2014, the production and release into circulation of products in accordance with the mandatory requirements that were previously established by the legislation of the

Customs Union member-states or the regulations of the Customs Union, is allowed if documents on assessment (confirmation) of conformity of the products to the specified regulatory requirements, issued or adopted before the effective date of the Technical Regulation, are available;

The above products shall be marked with a national mark of conformity (a mark of circulation on the market) in accordance with the legislation of the Customs Union member-states or the Commission Decision No. 386 of 20 September 2010;

Marking of such products with a unified mark of circulation on the market of the Customs Union member-states is not allowed;

3.3-1. Until January 1, 2013, the production and release into circulation on the customs territory of the Customs Union of the products, which were not subject to the mandatory assessment (confirmation) of conformity in accordance with the legislation of the Customs Union member-states or the regulations of the Customs Union prior to the date of entry into force of the Technical Regulation, is allowed without the documents on assessment (confirmation) of conformity and without marking with a national mark of conformity (a mark of circulation on the market);

3.4. Circulation of products released into circulation during the period of validity of the documents on assessment (confirmation) of conformity, stated in subparagraph 3.2 of this Decision, as well as the products, stated in subparagraph 3.3-1 of this Decision, shall be permitted during the period of shelf life (operating life) of the products, established in accordance with the legislation of the Customs Union member-states.

4. The Secretariat of the Commission in cooperation with the Parties shall prepare a draft action plan needed to implement the Technical Regulation, and within three months from the date of entry into force of this Decision ensure its submission for the Commission's approval in the prescribed manner.

5. The Belarusian Party, with the participation of the Parties, on the basis of the monitoring of the standards' application to ensure the preparation of proposals to update the Lists of standards referred to in paragraph 2 of this Decision and their submission to the Secretariat of the Commission for approval in due course at least once a year from the date of entry into force of the Technical Regulation.

The Commissioners of the Customs Union:

**From the Republic of
Belarus**

**From the Republic of
Kazakhstan**

**from the Russian
Federation**

Technical Regulation of the Customs Union on Safety of Packaging

TECHNICAL REGULATION OF THE CUSTOMS UNION

ON SAFETY OF PACKAGING TR TS 005/2011

Approved by the CU Commission Decision No. 769 of August 16, 2011

**(as amended by Decision of the Eurasian Economic Commission's Council No. 35
of June 15, 2012)**

Foreword

1. The present Technical Regulation has been developed in accordance with the Agreement on the Unified Principles and Rules of Technical Regulation in the Republic of Belarus, the Republic of Kazakhstan, and the Russian Federation of November 18, 2010.

2. The present Technical Regulation has been developed for the purpose of establishing unified requirements for packaging (closures), mandatory for application and execution on the customs territory of the Customs Union, ensuring free movement of packaging (closures), released into circulation on the customs territory of the Customs Union.

3. In case there are other technical regulations of the Customs Union in respect of packaging (closures), which establish requirements for packaging (closures), packaging (closures) shall meet requirements of all the applicable technical regulations of the Customs Union.

Article 1. Scope of Application

1. The present Technical Regulation shall cover all types of packaging, including closures, constituting ready-made products, released into circulation on the customs territory of the Customs Union, irrespective of the country of origin.

2. Only requirements of Articles 2, 4, 5, Clauses 1, 2 of Article 6, and Article 9 of the present Technical Regulation shall be applicable to all types of packaging (closures) manufactured by the products' manufacturer, packaged during the manufacturing process of such products released into circulation on the customs territory of the Customs Union.

3. The present Technical Regulation shall establish requirements, which are mandatory for application and execution on the customs territory of the Customs Union, for packaging (closures) and requirements related thereto for the processes of storage, transportation, and disposal, for the purpose of protection of human life and health, property, environment, life and health of animals and plants, as well as prevention of actions confusing the consumers of packaging (closures) in respect of its intended use and safety.

4. Packaging shall be classified according to the used materials into the following types:
metal;
polymeric;
paper and cardboard;

glass;
wooden;
composite;
textile;
ceramic.

5. Closures shall be classified according to the used materials as follows: metal, cork, polymeric, composite, and cardboard.

6. The present Technical Regulation shall not cover packaging for medical devices, medicines, pharmaceutical products, tobacco products, and hazardous goods.

Article 2. Definitions

The following terms and definitions shall be used in the present Technical Regulation of the Customs Union:

identification – the procedure of referring packaging (closures) to the scope of application of the present Technical Regulation and establishing correspondence between the actual characteristics of packaging (closures) and the data contained in the technical documentation (including supporting documents) thereto;

manufacturer (producer) – a legal entity or a natural person acting as an individual entrepreneur, performing on its behalf production and (or) release into circulation of packaging (closures), and responsible for compliance thereof with the safety requirements of the present Technical Regulation;

importer – a resident of the Customs Union member-state, who entered into foreign trade agreement on transfer of packaging (closures) with a non-resident of the Customs Union member-state, and who sells and (or) uses packaging (closures) and is responsible for compliance thereof with the safety requirements of the present Technical Regulation of the Customs Union;

marking of packaging (closures) – information in the form of signs, labels, pictographs, symbols, printed on the packaging (closures) and (or) supporting documents for identification and informing of consumers;

reusable packaging – packaging designated for repeated use;

simulation medium – a medium, simulating characteristics of food products;

circulation on the market – processes of packaging (closures) transfer from the manufacturer to the consumer (user), which the packaging (closures) undergoes after completion of its manufacture;

consumer packaging – packaging, designated for sale or primary packaging of products sold to the final consumer;

intended use – use of packaging (closures) in accordance with its designation, determined by the manufacturer;

type of packaging (closures) – a classification unit, classifying packaging (closures) according to material and structure;

standard sample – a packaging (closure) sample, selected from a group of homogeneous products manufactured from the same materials, using the same technology, of the same structure and meeting the same safety requirements;

transport packaging – packaging, designated for storage and transportation of products with the purpose of their protection from damage during transportation, constituting an independent transport unit;

closure – an item designated for closing of packaging and preservation of its content;

packaging – an item used for placement, protection, transportation, loading and unloading,

delivery, and storage of raw materials and ready-made products.

packaging material – material, designated for manufacturing of packaging.

Article 3. Market Circulation Rules

1. Packaging (closures) shall be released into circulation on the customs territory of the Customs Union provided it has undergone the required procedures of assessment (confirmation) of compliance, established by the present Technical Regulation as well as by other technical regulations of the Customs Union applicable to packaging (closures).

2. Packaging (closures), the compliance of which with the requirements of the present Technical Regulation is not confirmed, shall not be marked with a unified mark of products circulation on the market of the Customs Union member-states and shall not be accepted for circulation on the customs territory of the Customs Union.

Article 4. Ensuring Compliance with Safety Requirements

1. Compliance of packaging (closures) with the present Technical Regulation shall be ensured either directly by meeting the requirements thereof or by fulfillment of the standards' requirements, the application of which on a voluntary basis ensures meeting the requirements of the present Technical Regulation, and standards containing rules and methods of examination (testing) and measurement, including the rules for selection of samples required for application and meeting of the requirements of the present Technical Regulation and assessment (confirmation) of compliance of products (hereinafter referred to as the standards).

Fulfillment of these standards' requirements on a voluntary basis testifies to the compliance of packaging (closures) with the requirements of the present Technical Regulation.

2. The list of standards specified in Clause 1 of this Article shall be approved by the Customs Union Commission.

Article 5. Safety Requirements

1. Packaging (closures) and processes of its storage, transportation, and disposal shall correspond to the safety requirements of the present Article.

2. Packaging (closures) shall be designed and manufactured so as to ensure minimization of risks conditioned by the structure of packaging (closures) and applied materials when used as intended.

3. Safety of packaging shall be ensured by the set of requirements for:
applied materials that come into contact with food products, in respect of their sanitary and hygienic indicators;

mechanical indicators;

chemical resistance;

hermeticity.

4. Packaging that comes into contact with food products, including baby food, shall meet the sanitary and hygienic indicators specified in Appendix 1.

Terms and conditions of simulating of sanitary and chemical examinations of packaging are specified in Appendix 2.

5. Packaging, designated for packaging of food products, including baby food, perfumes and cosmetics, toys, products for children, shall not emit substances into the simulation and air media that

come into contact therewith in the amount which is harmful for people, exceeding the maximum permissible levels of migration of chemical substances.

6. Packaging shall satisfy the safety requirements specified in Clauses 6.1 – 6.8 of the present Article in respect of the mechanical indicators and chemical resistance (if they are preconditioned by the structure and intended use of packaging):

6.1. Metal packaging:

- shall ensure hermeticity with excess internal air pressure;
- shall withstand the compression force in the vertical axis direction of the packaging body;
- the inner coating shall be resistant to the packaged products and (or) withstand sterilization or pasteurization in simulation media;
- shall be corrosion-resistant.

6.2. Glass packaging:

- shall withstand the inner hydrostatic pressure depending on the main characteristics and intended use;
- shall withstand changes in temperature without disintegrating;
- shall withstand the compression force in the vertical axis direction of the packaging body;
- glass water resistance shall be not lower than 3/98 class (for food products, including infant food, perfumes and cosmetics);
- shall be acid-resistant (for jars and bottles for conservation, food acids and infant food);
- shall not be repeatedly used for contact with infant food.

6.3. Polymeric packaging:

- shall ensure hermeticity;
- shall withstand a set quantity of hits in free fall from a height without disintegrating (for closed items, except for perfumes and cosmetics);
- shall withstand the compression force in the vertical axis direction of the packaging body (except for packets and sacks);
- shall not undergo deformation or crack under hot water (except for packets and sacks);
- the packaging handles shall be safely fixed to it and support an established load;
- the packaging weld and glue joints shall not leak water;
- shall withstand the established static load when being stretched (for packets and sacks);
- the packaging inner surface shall be resistant to the effect of the packaged products.

6.4. Paper and cardboard packaging:

- shall withstand a set quantity of hits in free fall from a height without disintegrating;
- shall withstand the compression force in the vertical axis direction of the packaging body

6.5. Composite packaging:

- shall be hermetical (when closures are available) and ensure the set strength of the joints;
- shall be moisture resistant;
- the inner coating surface shall not be acidized;
- the packaging inner surface shall be resistant to the effect of the packaged products.

6.6. Textile packaging:

- shall withstand a set quantity of hits in free fall from a height without disintegrating;
- shall withstand a set breaking load;

6.7. Wooden packaging:

- shall withstand a set quantity of hits in free fall from a height without disintegrating;
- shall withstand a set quantity of hits on the horizontal and inclined planes;

- shall withstand the compression force in the vertical axis direction of the packaging body;
- wood moisture level shall correspond to the established level.

6.8 Ceramic packaging:

- shall be water resistant.

7. Safety of closures shall be ensured by a number of requirements for:

- applied materials, contacting with food products, according to sanitary and hygienic indicators;
- hermeticity;
- chemical resistance;
- safe opening;
- physical and mechanical indicators.

8. Closures contacting with food products, including infant food, shall correspond to the sanitary and hygienic indicators specified in Appendix 1.

Terms and conditions of simulating of sanitary and chemical tests of closures are specified in Appendix 2.

Closures, contacting with food products, including infant food, perfumes and cosmetics, shall not emit substances into the simulation media contacting therewith in the amounts that are harmful for human health, exceeding the maximum permissible levels of chemical substances migration.

9. Closures shall satisfy the safety requirements provided for by Clauses 9.1 – 9.4 of this Article according to their physical and mechanical indicators and chemical resistance:

9.1. metal closures:

- shall ensure hermeticity of packaging (except for caps for perfumes and cosmetics, muzzle, clamps);

- lids for conservation shall be heat resistant;
- torque effect when opening screw closures shall satisfy the established requirements;
- glue joint of crimping and rolling caps shall be strong;
- crown caps shall withstand the inner hydrostatic pressure;
- shall be corrosion-resistant;
- lacquer coating of the inner surface of the cap and the sealing gasket shall be resistant to the simulation media during the processes of pasteurizing and sterilization.

9.2. polymeric and composite closures:

- shall ensure hermeticity of packaging (except for caps of thermosetting, rolling valves, dispensers-stoppers, dissectors, sealing gaskets, closing lids) in the set exploitation conditions;
- torque effect when opening screw lids and caps shall satisfy the established requirements;
- closures designated for closing of sparkling (champaign) and carbonated wines shall stand the inner hydrostatic pressure;
- glue joint of crimping and rolling caps shall be strong;
- sealing gaskets shall not laminate;
- the quantity of polymer fluff shall not exceed the allowed amount;
- lids for conservation shall be heat resistant;
- lids for conservation shall be resistant to acid solutions.

9.3. Cork closures:

- shall ensure hermeticity of packaging;
- the moisture level of corks and sealing gaskets shall satisfy the established requirements;
- tensile strength at the torsion of agglomerated and assembled corks shall satisfy the established requirements;
- agglomerated and assembled corks shall withstand water boiling without disintegrating or

cracking;

- capillarity of the side surface shall satisfy the established requirements;
- the quantity of the polymer fluff of natural, colmated, agglomerated, and assembled corks shall

not exceed the allowed amount.

9.4. Cardboard closures:

- shall be resistant to simulation media effect;
- shall not laminate into their components.

10. Test protocols, confirming compliance of the packaging (closures) types of the packaged products manufactured by the packaged products producer in the process of manufacturing of such products with the requirements of Clauses 1-9 of this Article, shall be included in the package of confirmation documents, assembled when compliance of the packaged products is being confirmed.

11. Requirements for the processes of packaging (closures) circulation on the market (of storage, transportation, recycling):

11.1. packaging (closures) shall be stored in accordance with the requirements of regulatory and (or) technical documents for certain types of packaging (closures).

11.2. packaging (closures) shall be transported by all types of transport in accordance with shipping rules;

11.3. used packaging (closures) shall be recycled according to procedures established by the legislation of the Customs Union member-state in order to ensure cost-effective use of resources and prevent environmental contamination;

11.4. in case it is impossible to recycle the packaging (closures), consumers shall be duly informed thereof by means of respective marking.

Article 6. Requirements for Marking of Packaging (Closures)

1. Marking shall contain information required for identification of material from which the packaging (closures) is made, and information about the possibility of recycling thereof and informing of consumers.

2. Marking shall contain digital and (or) letter designation (acronym) of material from which the packaging (closure) is made in accordance with Appendix 3, and shall contain pictographs and symbols in accordance with Appendix 4: figure 1 - packaging (closures) designed for contact with food products; figure 2 - packaging (closures) for perfumes and cosmetics; figure 3 - packaging (closures) not designed for contact with food products; figure 4 – possibility of recycling of the used packaging (closures) - Möbius strip.

3. Information on packaging (closures) shall be given in supporting documents and shall contain:
name of the packaging (closures);
information on designation of packaging (closures);
conditions of storage, transportation, possibility of recycling;
processing method (for reusable packaging);
name and location of the manufacturer (producer), contact information;
name and location of the authorized person of the manufacturer, importer, contact information (if any);

manufacture date (month, year);

storage life (if established by the manufacturer (producer)).

4. Information shall be given in Russian and in state language(s) of the Customs Union member-state in the presence of the respective requirements of the legislation(s) of the Customs Union member-

state(s).

Article 7. Confirmation of Compliance

1. Packaging (closures) shall be confirmed to comply with the requirements of the present Technical Regulation before release in free circulation on the customs territory of the Customs Union.

2. Confirmation of compliance of packaging (closures) with the requirements of the present Technical Regulation is binding and shall be made as a declaration of compliance according to the following schemes:

2.1 3D, 4D, 5D schemes - for the packaging (closures) designed for packing of food products, including infant food, perfume and cosmetics having direct contact with the packed products, toys and goods for children, having direct contact with the child's mouth (in case of packaging (closures) of different materials, standard sizes, thickness of the used materials, tests can be performed on standard patterns with specific features of the packaging (closures) type);

2.2 1D and 2D schemes - for the packaging (closures) not specified in Sub-clause 2.1. hereof (in case of packaging (closures), having different materials, standard sizes, thickness of the used materials, tests can be performed on standard patterns with specific features of the packaging (closures) type).

3. Declaration of compliance of commercially produced packaging (closures) shall be performed either by the manufacturer or by a person authorized by the manufacturer.

Declaration of compliance of a batch of packaging (closures) shall be performed by the manufacturer (a person authorized by the manufacturer), the importer.

4. Identification of the packaging (closures) during declaration of compliance with the requirements of the present Technical Regulation shall be made by the manufacturer (a person authorized by the manufacturer), the importer.

5. Issuance of the declaration of compliance includes the following procedures:

- generation and analysis of regulatory and technical documentation;
- performance of tests;
- generation of a package of confirmation documents;
- issuance and registration of the declaration of compliance;
- putting of the unified mark of products circulation on the market of the customs union member-

states.

6. When declaring compliance the manufacturer (a person authorized by the manufacturer), the importer shall prepare confirmation documents independently in order to confirm the compliance of the packaging (closures) with the requirements of the present Technical Regulation.

7. Confirmation documents for issuance of a declaration of compliance shall include:

- protocol(s) of tests performed by the manufacturer (a person authorized by the manufacturer), the importer and (or) the accredited testing laboratory (center) included into the Unified Register of Certification Authorities and Testing Laboratories (Centers) of the Customs Union, confirming compliance with the declared requirements (provided that not more than one year passed after execution of the protocol(s);

- list of standards the requirements of which shall be complied with by the packaging (closures), from the List of standards specified in Clause 2, Article 4;

- description of the made technical decisions confirming fulfillment of the requirements of the present Technical Regulation in case the standards specified in Clause 2, Article 4 are missing or were not applied;

- other documents confirming compliance of the packaging (closures) with the requirements of

the present Technical Regulation, including compliance certificate for the management system or the management system assessment certificate (protocol) (if any), compliance certificate(s) for a certain type of packaging (closures) (if any), compliance certificate(s) or protocols of tests for materials (if any).

8. Declaration of compliance shall be executed according to the unified form approved by decision of the Customs Union Commission.

Declaration of compliance shall be subject to registration in accordance with the legislation of the Customs Union.

9. Declaration of compliance shall be executed for a certain name of packaging (closures) or for a group of packaging (closures) manufactured from the same materials and having the same design, and meeting the same safety requirements.

10. The package of confirmation documents stipulated by Clause 7 of this Article, together with the declaration of compliance shall be stored with the manufacturer (a person authorized by the manufacturer), the importer within the period established by the legislation of the Customs Union.

11. Declaration of compliance of packaging (closures) shall be issued for up to 5 years for commercially produced products. Declaration of compliance for a batch of packaging (closures) shall be issued without indication of its period of validity.

Declaration of compliance for a batch of packaging (closures) shall be valid only for the packaging (closures) of the certain batch.

Article 8. Marking with the Unified Mark of Products Circulation on the Market of the Customs Union Member-States

1. Packaging (closures), which complies with the requirements of the present Technical Regulation and which has received confirmation of compliance in accordance with Article 7 of the present Technical Regulation, shall be marked with the unified mark of products circulation on the market of the Customs Union member-states, which shall be put on the supporting documentation.

2. Marking with the unified mark of products circulation on the market of the Customs Union member-states shall be made by the manufacturer, a person authorized by the manufacturer, the importer, before placing the product on the market.

3. Packaging (closures) shall be marked with the unified mark of products circulation on the market of the Customs Union member-states in case of its compliance with the present Technical Regulation, and other applicable technical regulations of the Customs Union.

Article 9. Safeguard Clause

1. The Customs Union member-states shall take all measures for the restriction, ban on release of the packaging (closures) into free circulation on the customs territory of the Customs Union, and withdrawal from the market of the packaging (closures), not complying with the requirements of the present Technical Regulation and other technical regulations of the Customs Union, applicable to the packaging (closures).

Annex 1. Sanitary and Hygienic Safety Indicators and Standards for Substances Migrating from Packaging (Closures) that Come into Contact with Food Products

TR TS 005/2011
Annex 1
to Technical Regulation
of the Customs Union
on Safety of Packaging

Sanitary and Hygienic Safety Indicators and Standards for Substances Migrating from Packaging (Closures) that Come into Contact with Food Products

Table 1

Name of the Material of Products	Controlled Indicators	Permissible Qty of Chemical Substance migration, mg/l	Max. Permissible Concentrations in Potable Water, mg/l	Class of Hazard *** **	Max. Permissible Concentrations, Daily Average, mg/m ³ in atm. Air	Class of Hazard *** **	
	2	3	4	5	6	7	
1. Polymer materials and plastics produced on their basis							
1.1. Polyethylene (high-pressure polyethylene, low density polyethylene), polypropylene, copolymer of propylene with ethylene, polybutylene, polyisobutylene, composite materials based on polyolefins	Formaldehyde	0.100	--	2	0.003	2	
	Acetaldehyde	--	0.200	4	0.010	3	
	Ethyl acetate	0.100	--	2	0.100	4	
	Hexane	0.100	--	4	--	--	
	Heptane	0.100	--	4			
	Hexane	--	--	--	0.085	3	
	Heptane	--	--	--	0.065	3	
	Acetone	0.100	--	3	0.350	4	
	<i>Alcohols:</i>						
	methyl	0.200	--	2	0.500	3	
	propyl	0.100	--	4	0.300	3	
	isopropyl	0.100	--	4	0.600	3	
	butyl	0.500	--	2	0.100	3	
isobutyl	0.500	--	2	0.100	4		
1.2. Polystyrene plastic:							

1.2.1. Bulk-polymerized polystyrene, impact-	Styrole	0.010	--	2	0.002	2
	2	3	4	5	6	7
resistant	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	butyl	0.500	--	2	0.100	3
	Formaldehyde	0.100	--	2	0.003	2
	Benzene	--	0.010	2	0.100	2
	Toluene	--	0.500	4	0.600	3
	Ethylbenzene	--	0.010	4	0.020	3
1.2.2. Copolymer of styrole with acrylonitrile	Styrole	0.010	--	2	0.002	2
	Acrylonitrile	0.020	--	2	0.030	2
	Formaldehyde	0.100	--	2	0.003	2
	Benzaldehyde	--	0.003	4	0.040	3
1.2.3. ABS resin (acrylonitrile butadiene styrole plastic)	Styrole	0.010	--	2	0.002	2
	Acrylonitrile	0.020	--	2	0.030	2
	Alpha-methylstyrene	--	0.100	3	0.040	3
	Benzene	--	0.010	2	0.100	2
	Toluene	--	0.500	4	0.600	3
	Ethylbenzene	--	0.010	4	0.020	3
	Benzaldehyde	--	0.003	4	0.040	3
	Xylols (isomer mixture)	0.010	--	2	0.002	2
1.2.4. Copolymer of styrole with methylmethacrylate	Styrole	0.010	--	2	0.002	2
	Methylmethacrylate	0.250	--	2	0.010	3
	Methanol	0.200	--	2	0.500	3
	Formaldehyde	0.100	--	2	0.003	2
1.2.5. Copolymer of styrole with methylmethacrylate and acrylonitrile	Styrole	0.010	--	2	0.002	2
	Methylmethacrylate	0.250	--	2	0.010	3
	Acrylonitrile	0.020	--	2	0.030	2
	Methanol	0.200	--	2	0.500	3
	Formaldehyde	0.100	--	2	0.003	2
1.2.6. Copolymer of styrole with alpha-methylstyrene	Styrole	0.010	--	2	0.002	2
	Alpha-methylstyrene	--	0.100	3	0.040	3
	Benzaldehyde	--	0.003	4	0.040	3
	Acetophenone	--	0.100	3	0.003	3

1.2.7. Copolymers of styrole with butadiene	Styrole	0.010	--	2	0.002	2
	Butadiene	--	0.050	4	1.000	4
	Acetaldehyde	--	0.200	4	0.010	3
	Acetone	0.100	--	3	0.350	4
	2	3	4	5	6	7
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	butyl	0.500	--	2	0.100	3
	Xylols (isomer mixture)	--	0.050	3	0.200	3
1.2.8. Foamed poly styroles	Styrole	0.010	--	2	0.002	2
	Benzene	--	0.010	2	0.100	2
	Toluene	--	0.500	4	0.600	3
	Ethylbenzene	--	0.010	4	0.020	3
	Cumene (isopropyl benzol)	--	0.100	3	0.014	4
	Methanol	0.200	--	2	0.500	3
	Formaldehyde	0.100	--	2	0.003	2
1.3. Polyvinyl chloride plastic	Acetaldehyde	--	0.200	4	0.010	3
	Acetone	0.100	--	3	0.350	4
	Vinyl chloride	0.010	--	2	0.010	1
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	propyl	0.100	--	4	0.300	3
	isopropyl	0.100	--	4	0.600	3
	butyl	0.500	--	2	0.100	3
	isobutyl	0.500	--	2	0.100	4
	Benzene	--	0.010	2	0.100	2
	Toluene	--	0.500	4	0.600	3
	Zinc (Zn)	1.000	--	3	--	--
	Tin (Sn)	--	2.000	3	--	--
	Diocetylphthalate	2.000	--	3	0.020	--
Dibutylphthalate	Not allowed					
1.4. Polymers on the basis of vinyl acetate and derivants: polyvinyl acetate, polyvinyl alcohol,	Vinyl acetate	--	0.200	2	0.150	3
	Formaldehyde	0.100	--	2	0.003	2
	Acetaldehyde	--	0.200	4	0.010	3
	Hexane	0.100	--	4	--	--

copolymer break-up of vinyl acetate with dibutyl maleate	Heptane	0.100	--	4	--	--	
1.5. Polyacrylates	Hexane	0.100	--	4	--	--	
	Heptane	0.100	--	4	--	--	
	Acrylonitrile	0.020	--	2	0.030	2	
	Methylacrylate	--	0.020	4	0.010	4	
	2	3	4	5	6	7	
	Methylmethacrylate	0.250	--	2	0.010	3	
	Butyl acrylate	--	0.010	4	0.0075	2	
1.6. Polyorganosiloxane (silicone)	Formaldehyde	0.100	--	2	0.003	2	
	Acetaldehyde	--	0.200	4	0.010	3	
	Phenol	0.050	--	4	0.003	2	
	<i>Alcohols:</i>						
		methyl	0.200	--	2	0.500	3
		butyl	0.500	--	2	0.100	3
		Benzene	--	0.010	2	0.100	2
1.7. Polyamides							
1.7.1. Polyamide 6 (polycaproamide, capron)	E-caprolactam	0.500	--	4	0.060	3	
	Benzene	--	0.010	2	0.100	2	
	Phenol	0.050	--	4	0.003	2	
1.7.2. Polyamide 66 (polyhexamethylenedipamide, nylon)	Hexamethylene-diamine	0.010	--	2	0.001	2	
	Methanol	0.200	--	2	0.500	3	
	Benzene	--	0.010	2	0.100	2	
1.7.3. Polyamide 610 (polyhexamethylenesbacamide)	Hexamethylene-diamine	0.010	--	2	0.001	2	
	Methanol	0.200	--	2	0.500	3	
	Benzene	--	0.010	2	0.100	2	
1.8. Polyurethanes	Ethylene glycol	--	1.000	3	1.000	--	
	Acetaldehyde	--	0.200	4	0.010	3	
	Formaldehyde	0.100	--	2	0.003	2	
	Ethyl acetate	0.100	--	2	0.100	4	
	Butyl acetate	--	0.100	4	0.100	4	
	Acetone	0.100	--	3	0.350	4	
	<i>Alcohols:</i>						
		methyl	0.200	--	2	0.500	3
		propyl	0.100	--	4	0.300	3

	isopropyl	0.100	--	4	0.600	3	
	Benzene	--	0.010	2	0.100	2	
	Toluene	--	0.500	4	0.600	3	
1.9. Polyethers:							
1.9.1. Polyethylene oxide	Formaldehyde	0.100	--	2	0.003*	2	
	Acetaldehyde	--	0.200	4	0.010	3	
1.9.2. Polypropylene oxide	Methyl acetate	--	0.100	3	0.070	4	
	Acetone	0.100	--	3	0.350	4	
	2	3	4	5	6	7	
	Formaldehyde	0.100	--	2	0.003	2	
	Acetaldehyde	--	0.200	4	0.010	3	
1.9.3. Polytetramethylene oxide	Propyl alcohol	0.100	--	4	0.300	3	
	Acetaldehyde	--	0.200	4	0.010	3	
	Formaldehyde	0.100	--	2	0.003	2	
1.9.4. Polyphenylene oxide	Phenol	0.050	--	4	0.003	2	
	Formaldehyde	0.100	--	2	0.003	2	
	Methanol	0.200	--	2	0.500	3	
1.9.5. Polyethylene terephthalate and copolymer on the basis of terephthalic acid	Acetaldehyde	--	0.200	4	0.010	3	
	Ethylene glycol	--	1.000	3	1.000	--	
	Dimethyl terephthalate	--	1.500	4	0.010	--	
	Formaldehyde	0.100	--	2	0.003	2	
	<i>Alcohols:</i>						
		methyl	0.200	--	2	0.500	
		butyl	0.500	--	2	0.100	3
		isobutyl	0.500	--	2	0.100	4
		Acetone	0.100	--	3	0.350	4
	1.9.6. Polycarbonate	Phenol	0.050	--	4	0.003	2
Methylene chloride		--	7.500	3	--	--	
Chlorobenzene		--	0.020	3	0.100	3	
1.9.7. Polysulphon	Benzene	--	0.100	2	0.100	2	
	Phenol	0.050	--	4	0.003	2	
1.9.8. Polyphenylenesulphide	Phenol	0.050	--	4	0.003	2	
	Acetaldehyde	--	0.200	4	0.010	3	
	Methanol	0.200	--	2	0.500	3	
	Dichlorobenz	--	0.002	3	0.030	--	

	ene					
	Borium (B)	0.500	--	2	--	--
1.9.9. In case of using as a cohesive:						
Phenol-formaldehyde resin	Phenol	0.050	--	4	0.003	2
	Formaldehyde	0.100	--	2	0.003	2
silicone resin	Formaldehyde	0.100	--	2	0.003	2
	Acetaldehyde	--	0.200	4	0.010	3
	Phenol	0.050	--	4	0.003	2
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	butyl	0.500	--	2	0.100	3
	Benzene	--	0.01	2	0.100	2
Epoxide resins	Epichlorohydrin	0.100	--	2	0.200	2
		3	4	5	6	7
	Phenol	0.050	--	4	0.003	2
	Formaldehyde	0.100	--	2	0.003	2
1.10. Fluoropolymers: fluoropolymer-3 fluoropolymer-4, teflon	fluorine ion	0.500	--	2	--	--
	Formaldehyde	0.100	--	2	0.003	2
	Hexane	0.100	--	4	--	--
	Heptane	0.100	--	4	--	--
1.11. Plastic on the basis of phenol-formaldehyde resins (phenolic resin)	Formaldehyde	0.100	--	2	0.003	2
	Acetaldehyde	--	0.200	4	0.010	3
	Phenol	0.050	--	4	0.003	2
1.12. Polyformaldehyde	Formaldehyde	0.100	--	2	0.003	2
	Acetaldehyde	--	0.200	4	0.010	3
1.13. Aminoplast resins (carbamide- and melamineformaldehyde)	Formaldehyde	0.100	--	2	0.003	2
1.14. Polymer materials on the basis of epoxide resins	Epichlorohydrin	0.100	--	2	0.200	2
	Phenol	0.050	--	4	0.003	2
	Formaldehyde	0.100	--	2	0.003*	--
1.15. Ionomeric resins, including resin	Formaldehyde	0.100	--	2	0.003	2
	Acetaldehyde	--	0.200	4	0.010	2
	Formaldehyde	0.100	--	2	0.003*	3
	Methanol	0.200	--	2	0.500	2
	Zinc (Zn)	1.000	--	3	--	3
1.16. Cellulose	Ethyl acetate	0.100	--	2	0.100	--
	Formaldehyde	0.100	--	2	0.003	4

	Benzene	--	0.010	2	0.100	2
	Acetone	0.100	--	3	0.350	2
1.17. Ether-cellulose plastics	Ethyl acetate	0.100	--	2	0.100	4
	Acetaldehyde	--	0.200	4	0.010	4
	Formaldehyde	0.100	--	2	0.003	3
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	isobutyl	0.500	--	2	0.100	4
	Acetone	0.100	--	3	0.350	4
1.18. Collagen (biopolymer)	Formaldehyde *	0.100	--	2	0.003	2
	Acetaldehyde	--	0.200	4	0.010	3
	Ethyl acetate	0.100	--	2	0.100	4
	Butyl acetate	--	0.100	4	0.100	4
	Acetone	0.100	--	3	0.350	4
	2	3	4	5	6	7
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	propyl	0.100	--	4	0.300	3
	isopropyl	0.100	--	4	0.600	3
	butyl	0.500	--	2	0.100	3
	isobutyl	0.500	--	2	0.100	4
1.19 Rubber and rubber-plastic materials (gaskets, densifier of canisters, packing rings of lids for canning and etc.),	Acrylonitrile	0.020	--	--	--	--
	Thiuram D	0.030	--	--	--	--
	Captax	0.150	--	--	--	--
	Zinc	1.000	--	--	--	--
	Diocetylphthalate	2.000	--	--	--	--
	Dibutylphthalate	Not allowed				
2. Paraffins and waxes						
2.1. Paraffins and waxes (cheese coating, etc.)	Hexane	0.100	--	4	--	--
	Heptane	0.100	--	4	--	--
	Benz(a)pyrene	Not allowed		1		
	Acetaldehyde	--	0.200	4	0.010	3
	Formaldehyde	0.100	--	2	0.003	2
	Acetone	0.100	--	3	0.350	4
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3

	butyl	0.500	--	2	0.100	3	
	Toluene	--	0.500	4	0.600	3	
3. Paper, paperboard, parchment, imitation parchment							
3.1. Paper	Ethyl acetate	0.100	--	2	0.100	4	
	Formaldehyde	0.100	--	2	0.003	2	
	Acetaldehyde	--	0.200	4	0.010	3	
	Acetone	0.100	--	3	0.350	4	
	<i>Alcohols:</i>						
	methyl	0.200	--	2	0.500	3	
	butyl	0.500	--	2	0.100	3	
	Toluene	--	0.500	4	0.600	3	
	Benzene	--	0.010	2	0.100	2	
	Lead (Pb)	0.030	--	2	--	--	
	Zinc (Zn)	1.000	--	3	--	--	
		0.050		2			
	Chrome (Cr 3+)	cumulatively	--	3	--	--	
	Chrome (Cr 6+)	0.100	--	3	--	--	
	2	3	4	5	6	7	
3.2. Paraffin paper	To be additionally defined						
	Hexane	0.100	--	4	--	--	
	Heptane	0.100	--	4	--	--	
	Benz(a)pyrene	Not allowed		1			
3.3. Paperboard	Ethyl acetate	0.100	--	2	0.100	4	
	Butyl acetate	--	0.100	4	0.100	4	
	Acetaldehyde	--	0.200	4	0.010	3	
	Formaldehyde	0.100	--	2	0.003	2	
	Acetone	0.100	--	3	0.350	4	
	<i>Alcohols:</i>						
	methyl	0.200	--	2	0.500		
	isopropyl	0.100	--	4	0.600	3	
	butyl	0.500	--	2	0.100	3	
	isobutyl	0.500	--	2	0.100	4	
	Benzene	--	0.010	2	0.100	2	
	Toluene	--	0.500	4	0.600	3	
	Xylols (isomer mixture)	--	0.050	3	0.200	3	
	Lead (Pb)	0.030	--	2	--	--	

	Zinc (Zn)	1.000	--	3	--	--
	Arsenic (As)	0.050	--	2	--	--
	Chrome (Cr 3+)	cumulatively	--	3	--	--
	Chrome (Cr 6+)	0.100	--	3	--	--
To be additionally defined:						
Coated paperboard	Titanium (Ti)	0.100	--	3	--	--
	Aluminium (Al)	0.500	--	2	--	--
	Barium (Ba)	0.100	--	2	--	--
3.4. Paperboard chipboard**	Butyl acetate	--	0.100	4	0.100	4
	Ethyl acetate	0.100	--	2	0.100	4
	Acetaldehyde	--	0.200	4	0.010	3
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	butyl	0.500	--	2	0.100	3
	Acetone	0.100	--	3	0.350	4
	Formaldehyde	0.100	--	2	0.003	2
	Benzene	--	0.010	2	0.100	2
	Toluene	--	0.500	4	0.600	3
	Xylols (isomer mixture)	--	0.050	3	0.200	3
	2	3	4	5	6	7
	Lead (Pb)	0.030	--	2	--	--
	Zinc (Zn)	1.000	--	3	--	--
	Arsenic (As)	0.050	--	2	--	--
	Chrome (Cr 3+)	cumulatively	--	3	--	--
	Chrome (Cr 6+)	0.100	--	3	--	--
	Cadmium (Cd)	0.001	--	2	--	--
	Barium (Ba)	0.100	--	2	--	--
3.5. Vegetable parchment	Ethyl acetate	0.100	--	2	0.100	4
	Formaldehyde	0.100	--	2	0.003	2
	<i>Alcohols:</i>					
	Methyl	0.200	--	2	0.500	3
	propyl	0.100	--	4	0.300	3
	isopropyl	0.100	--	4	0.600	3
	butyl	0.500	--	2	0.100	3

	isobutyl	0.500	--	2	0.100	4	
	Acetone	0.100	--	3	0.350	4	
	Lead (Pb)	0.030	--	2	--	--	
	Zinc (Zn)	1.000	--	3	--	--	
	Arsenic (As)	0.050	--	2	--	--	
	Copper (Cu)	1.000	--	3	--	--	
	Iron (Fe)	0.300	--	--	--	--	
	Chrome (Cr 3+)	cumulatively	--	3	--	--	
	Chrome (Cr 6+)	0.100	--	3	--	--	
3.6. Imitation parchment (paper with additives, imitating properties of vegetable parchment)	Ethyl acetate	0.100	--	2	0.100	4	
	Formaldehyde	0.100	--	2	0.003	2	
	Acetaldehyde	--	0.200	4	0.010	3	
	Phenol	0.050	--	4	0.003	2	
	Epichlorohydrin	0.100	--	2	0.200	2	
	E-caprolactam	0.500	--	4	0.060	3	
	<i>Alcohols:</i>						
	Methyl	0.200	--	2	0.500	3	
	propyl	0.100	--	4	0.300	3	
	isopropyl	0.100	--	4	0.600	3	
	butyl	0.500	--	2	0.100	3	
	isobutyl	0.500	--	2	0.100	4	
	Acetone	0.100	--	3	0.350	4	
	Benzene	--	0.010	2	0.100	2	
		2	3	4	5	6	7
		Toluene	--	0.500	4	0.600	3
		Xylols (isomer mixture)	--	0.050	3	0.200	3
Zinc (Zn)		1.000	--	3	--	--	
Lead (Pb)		0.030	--	2	--	--	
Chrome (Cr 3+)		cumulatively	--	3	--	--	
Chrome (Cr 6+)		0.100	--	3	--	--	
Arsenic (As)		0.050	--	2	--	--	
Titanium (Ti)		0.100	--	3	--	--	
Cadmium (Cd)		0.001	--	2	--	--	

4. Glass ***						
4.1. Glassware						
colourless and semiwhite glasses	Boron (B)	0.500	--	2	--	--
	Aluminium (Al)	0.500	--	2	--	--
	Arsenic (As)	0.050	--	2	--	--
green glasses	Aluminium (Al)	0.500	--	2	--	--
	Chrome (Cr 3+)	cumulatively	--	3	--	--
	Chrome (Cr 6+)		--	3	--	--
	Copper (Cu)	1.000	--	3	--	--
	Boron (B)	0.500	--	2	--	--
brown glasses	Aluminium (Al)	0.500	--	2	--	--
	Manganese (Mn)	0.100	--	3	--	--
	Boron (B)	0.500	--	2	--	--
- crystal glasses	Lead (Pb)	***	--	2	--	--
	Aluminium (Al)	0.500	--	2	--	--
	Boron (B)	0.500	--	2	--	--
	Cadmium (Cd)	***	--	2	--	--
additionally for barium crystal glass	Barium (Ba)	0.100	--	2	--	--
To be additionally determined when dyeing:						
Blue	Chrome (Cr 3+)	cumulatively	--	3	--	--
	Chrome (Cr 6+)		--	3	--	--
	Copper (Cu)	1.000	--	3	--	--
dark blue	Cobalt (Co)	0.100	--	2	--	--
Red	Copper (Cu)	1.000	--	3	--	--
	Manganese (Mn)	0.100	--	3	--	--
	2	3	4	5	6	7
Yellow	Chrome (Cr 3+)	cumulatively	--	3	--	--
	Chrome (Cr 6+)		--	3	--	--
	Cadmium	***	--	2	--	--

	(Cd)					
	Barium (Ba)	0.100	--	2	--	--
5. Ceramics***						
5.1. Ceramic ware	Boron (B)	0.500	--	2	--	--
	Zinc (Zn)	1.000	--	3	--	--
	Titanium (Ti)	0.100	--	3	--	--
	Aluminium (Al)	0.500	--	2	--	--
	Cadmium (Cd)	***	--	2	--	--
	Barium (Ba)	0.100	--	2	--	--
6. Faience and porcelain ***						
6.1. porcelain and faience ware	Lead (Pb)	***	--	2	--	--
	Cadmium (Cd)	***	--	2	--	--
To be additionally defined when adding and using:						
cobalt oxides	Cobalt (Co)	0.100	--	2	--	--
lead-free glaze	Aluminium (Al)	0.500	--	2	--	--
	Boron (B)	0.500	--	2	--	--
	Zinc (Zn)	1.000	--	3	--	--
	Lithium (Li)	--	0.030	2	--	--
barytic glaze	Aluminium (Al)	0.500	--	2	--	--
	Barium (Ba)	0.100	--	2	--	--
	Boron (B)	0.500	--	2	--	--
To be additionally defined when using pigmented glaze:						
of pink colour	Manganese (Mn)	0.100	--	3	--	--
of blue colour	Cobalt (Co)	0.100	--	2	--	--
	Copper (Cu)	1.000	--	3	--	--
of yellow colour	Chrome (Cr 3+)	cumulatively 0.100	--	3	--	--
	Chrome (Cr 6+)		--	3	--	--
	Cadmium (Cd)	***	--	2	--	--
7. Polymer materials used for packaging cover (closures)						
7.1. silicate enamel (frits)	Aluminium (Al)	0.500	--	2	--	--
	Boron (B)	0.500	--	2	--	--

	Iron (Fe)	0.300	--	--	--	--
	Cobalt (Co)	0.100	--	2	--	--
	Nickel (Ni)	0.100	--	3	--	--
	2	3	4	5	6	7
	Chrome (Cr 3+)	cumulatively	--	3	--	--
	Chrome (Cr 6+)	0.100	--	3	--	--
	Manganese (Mn)	0.100	--	3	--	--
7.2.Titanium enamel	Aluminium (Al)	0.500	--	2	--	--
	Boron (B)	0.500	--	2	--	--
	Iron (Fe)	0.300	--	--	--	--
	Cobalt (Co)	0.100	--	2	--	--
	Nickel (Ni)	0.100	--	3	--	--
	Lead (Pb)	0.030	--	2	--	--
	Arsenic (As)	0.050	--	2	--	--
	Zinc (Zn)	1.000	--	3	--	--
	Titanium (Ti)	0.100	--	3	--	--
To be additionally determined when dyeing the cover:						
of grey colour	Titanium (Ti)	0.100	--	3	--	--
of dark blue colour	Cobalt (Co)	0.100	--	2	--	--
of brown colour	Iron (Fe)	0.300	--	--	--	--
of green colour	Chrome (Cr 3+)	cumulatively	--	3	--	--
	Chrome (Cr 6+)	0.100	--	3	--	--
of pink colour	Manganese (Mn)	0.100	--	3	--	--
When applying the coating on:						
carbon and low-alloyed steel	Iron (Fe)	0.300	--	--	--	--
	Manganese (Mn)	0.100	--	3	--	--
aluminium and aluminium alloys	Aluminium (Al)	0.500	--	2	--	--
	Copper (Cu)	1.000	--	3	--	--
8.Polymer materials used for lacquered packaging (closures)						
8.1. epoxyphenol varnishes	Epichlorohydrin	0.100	--	2	0.200	2
	Formaldehyde	0.100	--	2	0.003	2
	Phenol	0.050	--	4	0.003	2

	Zinc (Zn)	1.000	--	3	--	--
	Lead (Pb)	0.030	--	2	--	--
	Xylols (isomer mixture)	--	0.050	3	0.200	3
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	propyl	0.100	--	4	0.300	3
	butyl	0.500	--	2	0.100	3
	isobutyl	0.500	--	2	0.100	4
	2	3	4	5	6	7
	Acetone	0.100	--	3	0.350	4
	Ethylbenzene	--	0.010	4	0.020	3
8.2. phenolic and oil varnishes	Formaldehyde	0.100	--	2	0.003*	2
	Phenol	0.050	--	4	0.003	2
	Lead (Pb)	0.030	--	2	--	--
8.3.protein-resistant enamels,containing zincpaste	Epichlorohydr in	0.100	--	2	0.200	2
	Formaldehyde	0.100	--	2	0.003	2
	Zinc (Zn)	1.000	--	3	--	--
	Lead (Pb)	0.030	--	2	--	--
8.4. vinylorgansolic coating	Formaldehyde	0.100	--	2	0.003*	2
	Acetaldehyde	--	0.200	4	0.010	3
	Phenol	0.05	--	4	0.003	2
	Acetone	0.100	--	3	0.350	4
	vinyl acetate	--	0.200	2	0.150	3
	vinyl chloride	0.010	--	2	0.010	1
	<i>Alcohols:</i>					
	methyl	0.200	--	2	0.500	3
	isopropyl	0.100	--	4	0.600	3
	butyl	0.500	--	2	0.100	3
	isobutyl	0.500	--	2	0.100	4
	Xylols (isomer mixture)	--	0.050	3	0.200	3
	Lead (Pb)	0.030	--	2	--	--
To be additionally determined when using:						
aluminium powder for varnish pigmentation	Aluminium (Al)	0.500	--	2	--	--
packing materials from aluminium,	Aluminium (Al)	0.5	--	2	--	--

aluminium alloys						
9. Wood and wood products, organic and compressed cork						
Wood and wood products	Formaldehyde	0.100	--	2	0.003	2
Natural and compressed cork	Formaldehyde	0.100	--	2	0.003	2

Note: migration of hazardous substances emitted from packaging (closures) which are made from composite materials shall be examined only from the layer having direct contact with food products, including infant food.

* - for all types of artificial protein coatings the cumulative quantity of aldehydes (including formaldehyde) the Permissible Migration Amount is 0.8 mg/l.

** - paper and paperboard containing paper waste may be used only for packaging of food products with humidity of not more than 15%.

*** - the Permissible Migration Amount of lead and cadmium for packaging made from glass, faience and porcelain, ceramics is specified in Table 2.

**** - when estimating materials and products intended for packaging of baby food products for infants, migration of chemical substances falling into 1 and 2 class of hazard is not allowed.

***** - migration of hazardous substances into water simulative environment shall be inspected for the packaging intended for storage of products with humidity of more than 15%, into air simulative environment - for storage of products with humidity of less than 15%.

***** - for packaging and closures which are produced from polymer materials and plastics on their basis, modification of the acid number shall be calculated additionally.

Table 2

Sanitary and Hygienic Standards for Lead and Cadmium Emitted from Glass, Faience and Porcelain, and their Products, Ceramics

Type of Packaging	Controlled Indicators	Measuring Unit	Permissible Migration Amount
Packaging under 1.1 l	cadmium	mg/l	0.5
	lead	mg/l	2.0
Packaging above 1.1 l	cadmium	mg/l	0.5
	lead	mg/l	2.0

Table 3

Sanitary and Hygienic Safety Indicators and Standards for Substances Emitted from Metals and Alloys Used in Production of Packaging (Closures)

Name of Material of the Product	Controlled Indices	Permissible Quantity of Chemical Substance Migration, mg/l	Maximum Permissible Concentrations in Drinking Water, mg/l	Class of Hazard *
1	2	3	4	5
1. Primary aluminium				
of special purity	Aluminium (Al)	0.500	--	2
of high purity	Aluminium (Al)	0.500	--	2
	Iron (Fe)	0.300	--	--
	Silicium (Si)	--	10.00 0	2
	Copper (Cu)	1.000	--	3
of technical purity	Aluminium (Al)	0.500	--	2
	Iron (Fe)	0.300	--	--
	Silicium (Si)	--	10.000	2
	Copper (Cu)	1.000	--	3
	Zinc (Zn)	1.000	--	3
	Titanium (Ti)	0.100	--	3
2. Aluminium alloys:				
deformable	Aluminium (Al)	0.500	--	2
	Manganese (Mn)	0.100	--	3
	Iron (Fe)	0.300	--	--
	Copper (Cu)	1.000	--	3
	Zinc (Zn)	1.000	--	3
	Titanium (Ti)	0.100	--	3
	Vanadium (V)	0.100	--	3
casting	Aluminium (Al)	0.500	--	2
	Copper (Cu)	1.000	--	3
	Silicium (Si)	--	10.000	2
	Manganese (Mn)	0.100	--	3
	Zinc (Zn)	1.000	--	3
	Titanium (Ti)	0.100	--	3
3. All types of steel,	Iron (Fe)	0.300	--	--

including carbon high-quality ,chromium chromium-manganese steel	Manganese (Mn)	0.100	--	3
	Chrome (Cr 3+)	28 cumulatively 0.100	--	3
	Chrome (Cr 6+)		--	3
3.1. To be additionally defined for other types of steel:				
carbon low-alloyed steel	Nickel (Ni)	0.100	--	3
	Copper (Cu)	1.000	--	3
chromium-silicon steel	Silicium (Si)	--	10.000	2
chromium-vanadium steel	Nickel (Ni)	0.100	--	3
	Copper (Cu)	1.000	--	3
chromium-manganese-titanium	Titanium (Ti)	0.100	--	3
silicon-manganese and chromium-manganese steel	Silicium (Si)	--	10.00	2
chromium-molybdenum steel	Molybdenum (Mo)	0.250	--	2
chromium-nickel-tungsten and chromium-nickel-molybdenum steel	Nickel (Ni)	0.100	--	3
	Tungsten (W)	0.050	--	2
	Molybdenum (Mo)	0.250	--	2
chromium-molybdenum-	Aluminium (Al)	0.500	--	2
1	2	3	4	5
aluminium and chromium-aluminium steel	Molybdenum (Mo)	0.250	--	2
chromium-nickel-tungsten-vanadium	Nickel (Ni)	0.100	--	3
	Vanadium (V)	0.100	--	3
	Tungsten (W)	0.050	--	2
corrosion-resistant and heat-resistant, high-quality hot-rolled	Nickel (Ni)	0.100	--	3
low-alloyed heat-resistant pearlitic	Nickel (Ni)	0.100	--	3
	Molybdenum (Mo)	0.250	--	2
	Vanadium (V)	0.100	--	3
	Copper (Cu)	1.000	--	3
heat-resistant martensitic and martensitic-ferrite	Nickel (Ni)	0.100	--	3
	Molybdenum (Mo)	0.250	--	2

	Vanadium (V)	0.100	--	3
	Tungsten (W)	0.050	--	2
heat-resistant austenitic	Nickel (Ni)	0.100	--	3
	Molybdenum (Mo)	0.250	--	2
	Tungsten (W)	0.050	--	2
	Niobium (Nb)	--	0.010	2
	Titanium (Ti)	0.100	--	3
4. Solders on the basis of lead alloys:				
-tin-lead	Tin (Sn)	--	2.000	3
	Lead (Pb)	0.030	--	2
5. Zinc and zinc alloys	Zinc (Zn)	1.000	--	3
	Lead (Pb)	0.030	--	2
	Iron (Fe)	0.300	--	--
	Cadmium (Cd)	0.001	--	2
	Copper (Cu)	1.000	--	3
	Aluminium (Al)	0.500	--	2
	Chrome (Cr 3+)	cumulatively 0,100	--	3
	Chrome (Cr 6+)		--	3
	Molybdenum (Mo)	0.250	--	2
	Manganese (Mn)	0.100	--	3
	Vanadium (V)	0.100	--	3
	Iron (Fe)	0.300	--	--

Annex 2. List of Simulation Media Used for Testing of Packaging (Closures)

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Annex 2

List of Simulation Media Used for Testing of Packaging (Closures)

Name of Food Products for Contact with which the Packaging (Closures) is Intended	Simulation Media Imitative Food Products
Fresh meat and fish	Distilled water, 0.3% lactic acid solution
Salted and smoked meat and fish	Distilled water, 5% sodium chloride solution
Milk, fermented milk products and preserved milk products	Distilled water, 0.3% lactic acid solution, 3.0% lactic acid solution
Cooked sausage; preserves: meat, fish, vegetable; pickled and salted-fermented vegetables, tomato paste, etc.	Distilled water, 2% acetic acid solution containing 2% sodium chloride; unpurified sunflower oil.
Fruits, berries, fruit and vegetable juices, fruit and berry preserves, alcohol-free beverages, beer.	Distilled water, 2% lemon acid solution.
Alcoholic beverages, wines	Distilled water, 20% ethanol solution, 2% lemon acid solution.
Vodka, cognac	Distilled water, 40% ethanol solution.
Potable alcohol, liqueurs, rum	Distilled water, 96% ethanol solution.

Note:

1. Packaging (closures) used in conditions different from those mentioned above shall be processed in the environment maximally similar to the operation conditions with some aggravation.
2. When testing packaging (closures) from plastics containing nitrogen and aldehydes, 0.3% and 3% lemon acid solution shall be used as a simulation medium instead of lactic acid.
3. When testing packaging (closures) for tinned fish in own juice, distilled water shall be used as a simulation medium.
4. When testing for lead and cadmium in packaging (closures) from glass, faience and porcelain, ceramics, a 4% acetic acid solution shall be used as a simulation medium.

Simulation of duration of packaging (closures) contact with simulation media

Duration of packaging (closures) contact with simulation media shall be established on the basis of its operation conditions with some aggravation:

- a) if duration of the assumed contact of food products with packaging (closures) does not exceed 10 minutes, the testing exposure shall be 2 hours;
- b) if duration of contact of food products with packaging (closures) does not exceed 2 hours, the testing exposure shall be 1 day;
- c) if duration of contact of food products with packaging (closures) is from 2 to 48 hours, the testing exposure shall be 3 days;
- d) if duration of contact of food products with packaging (closures) exceeds 2 days, the testing exposure shall be 10 days;
- e) metal cans covered with varnish shall be filled with simulation medium, hermetically sealed, autoclaved for an hour and left at room temperature for 10 days;
- f) packaging (closures) intended for contact with food products subject to sterilization shall be filled with simulation media, hermetically sealed, autoclaved for 2 hours and left at room temperature for 10 days.

Temperature Conditions when Testing Packaging (Closures)

- a) Packaging (closures) intended for contact with food products at ambient temperature shall be filled with simulation media of room temperature and held within the time specified above;
- b) packaging (closures) intended for contact with hot food products shall be filled with simulation media heated to 80⁰C and held at room temperature within the time specified above;
- c) packaging (closures) intended for packaging of food products in hot form (melted butter, hard cheese and processed cheese, etc.) shall be filled with simulation media heated to 80⁰C and held at room temperature within the time specified above.

Annex 3. Numeric, Letter Designation (Abbreviation) of Material from which Packaging (Closures) is Produced

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Annex 3

Numeric, Letter Designation (Abbreviation) of Material from which Packaging (Closures) is Produced

Packaging Materials	Letter Designation*	Numerical Code
1	2	3
Plastics		
Polyethyleneterephthalate	PET	1
High-density polyethylene	HDPE	2
Polyvinylchloride	PVC	3
Low-density polyethylene	LDPE	4
Polypropylene	PP	5
Polystyrene	PS	6
Vacant numbers		7-19
Paper and paperboard		
Corrugated paperboard	PAP	20
Other paperboard	PAP	21
Paper	PAP	22
Vacant numbers		23-39
Metals		
Steel	FE	40
Aluminium	ALU	41
Vacant numbers		42-49
Wood and wood-based material		
Wood	FOR	50
Cork	FOR	51
Vacant numbers		52-59
Fabric		
Cotton	TEX	60
Jute	TEX	61
Vacant numbers		62-69
Glass		
Colourless glass	GL	70
Green glass	GL	71
Brown glass	GL	72
Vacant numbers		73-79
Composite materials **		
Paper and paperboard/different materials		80

Paper and paperboard/ plastics		81
Paper and paperboard/ aluminium		82
Paper and paperboard/tinned plate		83
Paper and paperboard/ plastics / aluminium		84
Paper and paperboard/ plastics/aluminium/tinned plate		85
Vacant numbers		86-89
Plastics / aluminium		90
Plastics / tinned plate		91
Plastics / various metals		92
Vacant numbers		93-94
Glass / plastics		95
Glass / aluminium		96
Glass / tinned plate		97
Glass / various metals		98
Vacant numbers		99-100

*Only capital letters are used.

**To be marked as follows: Latin letter C and through a slash – designation of the primary material in the composite (e.g. C/ALU).

Annex 4. Pictographs and Symbols Printed on the Marking of Packaging (Closures)

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Annex 4

Pictographs and Symbols Printed on the Marking of Packaging (Closures)

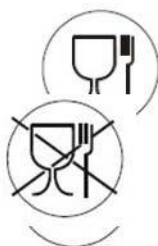


Figure 1
For food products

Figure 2
For perfume and cosmetics

Figure 3
For non-food products



Figure 4 – Possibility of recycling of the used packaging (closures) - Möbius strip

List of Standards containing the rules and methods of examination (testing) and measurement, including the rules for selection of samples required for application and meeting of the requirements of the Technical Regulation “On Safety of Packaging” (TR TS 005/2011) and carrying out of assessment (confirmation) of products’ conformity

Approved
by Decision of the Customs
Union Commission
No. 769 of August 16, 2011

No.	Elements of the Technical Regulation of the Customs Union	Identification of Standard.	Name of Standard	Note
1	2	3	4	5
1	Article 5, paragraph 4	SanPiN 13-3 RB 01*	The maximum permissible quantities of chemical substances emitted from materials contacting with food products	
		GN 2.3.3.972-00 *	The maximum permissible quantities of chemical substances emitted from materials contacting with food products	
		Instruction 2.3.3.10-15-64-2005*	Sanitary and chemical examination of goods manufactures from polymer and other synthetic materials contacting with food products	
		MI No. 880-71*	Instruction on sanitary and chemical examination of goods manufactures from polymer and other synthetic materials contacting with food products	
		MU No. 4395-87*	Methodological guidelines on hygienic assessment of varnished can containers	
		GOST 22648-77	Plastics. Methods for determination of hygienic characteristics	
2	Article 5, paragraph 5	SanPiN 13-3 RB 01*	The maximum permissible quantities of chemical substances emitted from materials contacting with food products	
		GN 2.3.3.972-00 *	The maximum permissible quantities of chemical substances emitted from materials contacting with food products	
		GOST 30765-2001	Metal transport packaging. General specifications	
		No. 880-71*	Instruction on sanitary and chemical examination of goods manufactures from polymer and other synthetic materials	

			contacting with food products	
		MU No. 4395-87*	Methodological guidelines on hygienic assessment of varnished can containers	
		ST RK ISO 13302-2005	Sensory analysis. Methods of evaluation of changes in flavor of food products caused by packaging	
3	Article 5, paragraph 6, sub-paragraph 6.1 (metallic)	STB GOST R 51756-2002	Aluminum cans of deep drawing with easy open end. Specifications	
		GOST 745-2003	Aluminum foil for packing. Specifications	
		GOST 3242-79	Welded joints. Quality control methods	
		GOST 5981-88 (ISO 1361-83, ISO 3004.1-86)	Tins for canned food. Specifications	
		GOST 12120-82	Metal and composite cans. Specifications	
		GOST 13950-91	Welded and folded steel barrels (drums) with crimps on casing. Specifications	
		GOST 18211-72 (ISO 12048-94)	Transport tare. Compression test method	
		GOST 18425-73	Complete, filled transport packages. Vertical impact test by dropping	
		GOST 18896-73	Steel thick-walled drums for chemical products. Specifications	
		GOST 21029-75	Aluminum barrels for chemical products. Specifications	
		GOST 24690-81	Aerosol cans. Testing method of internal pressure resistance	
		GOST 24691-89	Aerosol cans and valves. Method of determination of anticorrosive lining completeness	
		GOST 25014-81	Filled transport packages. Methods of testing strength in piling	
		GOST 25064-81	Complete filled transport packages. Horizontal impact tests	
		GOST 26384-84	Cylindrical round tins for canned food. Sizes of constructive elements	
		GOST 28137-89	Products in aerosol packing. Methods for determination of excess vapor pressure and sealing	
		GOST 30765-2001	Metal transport packaging. General specifications	
		GOST 30766-2001	Tins for chemical products. General specifications	
		STB GOST R 51756-2002	Aluminum cans of deep drawing with easy open end. Specifications	
STB GOST R 51827-2002	Packaging. Leak-proofness and hydraulic pressure testing methods			

		GOST R 51827-2002	Packaging. Leak-proofness and hydraulic pressure testing methods	
		GOST R 52267-2004	Metal barrels for food liquids. Specifications	
		ST RK GOST R 51827-2008	Packaging. Leak-proofness and hydraulic pressure testing methods	
		ST RK GOST R 51864-2008	Packaging. Testing methods of handle fastening strength	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
4	Article 5, paragraph 6, sub-paragraph 6.2 (glass)	STB ISO 7458-2009	Glass containers. Internal pressure resistance. Test methods	
		STB ISO 7459-2009	Glass containers. Thermal shock resistance and thermal shock endurance. Test methods	
		STB ISO 8113-2009	Glass containers. Resistance to vertical load. Test method	
		STB 117-93	Souvenir bottles. Specifications	
		GOST 5717.1-2003	Glass jars for canned food. General specifications	
		GOST 10117.1-2001	Glass bottles for food liquids. General specifications	
		GOST 10134.1-82	Glass inorganic and glass-crystal materials. Method for determination of water-resisting property at 98 °C	
		GOST 13903-2005	Glass containers. Methods of testing the thermal resistivity	
		GOST 13904-2005	Glass containers. Methods of testing the resistance to internal hydrostatic pressure	
		GOST 13905-2005 (Interstate) GOST 13905-78 (RB)	Glass containers. Method of testing the water resistance of inner surface	
		GOST 15844-92	Glass bottles for milk and milk products. Specifications	
		GOST 17733-89	Glass containers. Method for determination of thermal resistance at raised temperatures	
		GOST 24980-2005	Glass containers. Methods of testing the parameters	
		GOST 30005-93	Glass containers. Terms and definitions of defects	
		GOST 30288-95	Glass containers. Safety, marking, raw materials saving. General	
		GOST R 51640-	Glass containers for goods of household	

		2000	chemistry. Specifications	
		GOST R 51781-2001	Glass containers for perfumery and cosmetic products. General specifications	
		GOST R 52327-2005	Glass containers for children's food. Specifications	
		GOST R 52596-2006	Glass containers. Methods of testing the resistance to vertical load	
		GOST R 52617-2006	Glass containers for milk and milk products. Specifications	
		GOST R 52897-2007	Glass jars food products of fishing industry. Specifications	
		GOST R 52898-2007	Glass bottles for food acetic acid and food vinegars. Specifications	
		GOST R 53209-2008	Glass containers. Methods of testing the resistance to impact load	
		GOST R 53921-2010	Glass containers for alcohol and non – alcohol food products. General specifications	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
5	Article 5, paragraph 6, sub-paragraph 6.3 (polymer)	STB 1015-97	Household and consumer products made of plastics. General specifications	
		STB 1517-2004	Polymeric consumers packaging. General specifications	
		GOST 7730-89	Cellulose film. Specifications	
		GOST 10354-82	Polyethylene film. Specifications	
		GOST 11262-80	Plastics. Tensile strength test method	
		GOST 12302-83	Bags made of polymeric and composite materials. General specifications	
		GOST 14236-81	Polymer films. Tensile strength test method	
		GOST 16398-81	Calendered vinyl plastic film. Specifications	
		GOST 17811-78	Polyethylene bags for chemical products. Specifications	
		GOST 18424-73	Packages. Test of impact protective properties	
		GOST 18425-73	Complete, filled transport packages. Vertical impact test by dropping	
		GOST 19360-74	Film liner-bags. General specifications	
		GOST 25014-81	Filled transport packages. Methods of testing strength in piling	
		GOST 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		GOST 51289-99	Returnable polymeric boxes. General	

			specifications	
		GOST R 51675-2000	Polymeric reusable boxes for bottles with food liquids. Specifications	
		STB GOST R 51720-2001	Polymeric sacks. General specifications	
		GOST R 51760-2001	Polymeric consumers packaging. General specifications	
		GOST R 51827-2001	Packaging. Leak-proofness and hydraulic pressure testing methods	
		STB GOST R 51864-2005	Packaging. Testing methods of handle fastening strength	
		GOST R 52620-2006	Transport polymeric containers. General specifications	
		GOST 24234-80	Polyethylene terephthalate film (polyester film). Specifications	
		GOST 25250-80	PVC film for production of food and medicine package. Specifications	
		GOST 51289-99	Returnable polymeric boxes. General specifications	
		GOST 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		GOST R 51720-2001	Polymeric sacks. General specifications	
		GOST R 52789-2007	Bottles from polyethylene terephthalate for food liquids. General specifications	
		GOST R 52903-2007	Packs made of polymeric films and composite materials. General specifications	
		GOST 25951-83	Thermoshrinking polyethylene film. Specifications	
		ST RK GOST R 51827-2008	Packaging. Leak-proofness and hydraulic pressure testing methods	
		ST RK GOST R 51864-2008	Packaging. Testing methods of handle fastening strength	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
6	Article 5, paragraph 6, sub-paragraph 6.4 (paperboard and paper)	GOST 2226-88 (ISO 6590-1-83, ISO 7023-83)	Paper bags. Specifications	
		GOST 5884-86	Boxes of corrugated board for incandescent lamps. Specifications	
		GOST 8047-2001	Paper and board. Sampling to determine average quality	
		GOST 8828-89	Paper-base and two-layer waterproof packing paper. Specifications	

	GOST 9142-90	Boxes of corrugated board. General specifications	
	GOST 9481-2001	Corrugated board boxes for chemical threads. Specifications	
	GOST 9569-2006	Paraffined paper. Specifications	
	GOST 9841-94	Paper and board. Determination of resistance to water penetration	
	GOST 12301-2006	Cartons of paperboard, paper and composite materials. General specifications	
	GOST 12303-80	Packs of paperboard, paper and composite materials. General specifications	
	GOST 13479-82	Board and combined cans. General specifications	
	GOST 13502-86	Paper packets for loose products. Specifications	
	GOST 13525.1-79	Fiber semi manufactures, paper and board. Tensile strength and elongation tests	
	GOST 13525.7-68	Paper and board. Methods for determination of wet strength	
	GOST 13525.13-69	Paper. Methods for determination of greaseproofness	
	GOST 13515-91	Boxes of packaging flat pasted board for butter and margarine. Specifications	
	GOST 13516-86	Corrugated cardboard boxes for canned food, preserves and food liquids. Specifications	
	GOST 16535-95	Corrugated board boxes for ice-cream. Specifications	
	GOST 13841-95	Corrugated board boxes for chemical products. Specifications	
	GOST 17065-94	Wound paperboard drums. Specifications	
	GOST 17339-79	Folding packs for bulk products for domestic chemistry. Specifications	
	GOST 18211-72 (ISO 12048-94)	Transport tare. Compression test method	
	GOST 18319-83	Corrugated board boxes for meat mincers. Specifications	
	GOST 18425-73	Complete, filled transport packages. Vertical impact test by dropping	
	GOST 19360-74	Film liner-bags. General specifications	
	GOST 22702-96	Boxes of corrugated board for food-liquid bottles, supplied for export. Specifications	
	GOST 22852-77	Corrugated fiber boxes for products of instruments making industry. Specifications	

		GOST 24370-80	Packets of paper and composite materials. General specifications	
		GOST 25014-81	Filled transport packages. Methods of testing strength in piling	
		GOST 25064-81	Complete filled transport packages. Horizontal impact tests	
		GOST 27840-93	Containers for parcels and printed matters. General specifications	
		GOST R 53361-2009	Bags made of paper and composite materials. General specifications	
		GOST R 53775-2010 (ISO2234: 2000)	Packaging. Stacking tests using a static load	
		ST RK GOST R 51864-2008	Packaging. Testing methods of handle fastening strength	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
7	Article 5, paragraph 6, sub-paragraph 6.5 (composite)	GOST 7247-2006	Paper and combined materials on the base of paper for automatic packaging of food, manufactured production and nonfood products. General specifications	
		GOST 7730-89	Cellulose film. Specifications	
		GOST 12302-83	Bags made of polymeric and composite materials. General specifications	
		GOST 13479-82	Board and combined cans. General specifications	
		GOST 13525.1-79	Fiber semi manufactures, paper and board. Tensile strength and elongation tests	
		GOST 14236-81	Polymer films. Tensile strength test method	
		GOST 19360-74	Film liner-bags. General specifications	
		GOST 24370-80	Packets of paper and composite materials. General specifications	
		GOST 25439-82	Packing materials. Method for determining waterproofness in hydrostatic pressure	
		GOST R 52579-2006	Consumers package from combined materials. General specifications	
		GOST R 52903-2007	Packs made of polymeric films and composite materials. General specifications	
		ST RK GOST R 51864-2008	Packaging. Testing methods of handle fastening strength	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable	

			packages	
8	Article 5, paragraph 6, sub-paragraph 6.6 (textile)	STB 750-2000	Container soft packing. General specifications	
		GOST 3813-72 (ISO 5081-77, ISO 5082-82)	Textile materials. Textile fabrics and piece-articles. Methods for determination of bearing under tension	
		GOST 17811-78	Polyethylene bags for chemical products. Specifications	
		GOST 18424-73	Packages. Test of impact protective properties	
		GOST 20566-75	Textile fabrics and piece-goods. Acceptance rules and sampling method	
		GOST 29104.4-91	Industrial fabrics. Method for determination of breaking stress and breaking extension	
		GOST 30090-93	Sacks and fabric for sacks. General specifications	
		GOST R 29104.0-91	Industrial fabrics. Industrial fabrics. Acceptance rules and sampling method	
		GOST R 52564-2006	Polypropylene woven sacks. General specifications	
		ST RK GOST R 51864-2008	Packaging. Testing methods of handle fastening strength	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
9	Article 5, paragraph 6, sub-paragraph 6.7 (wood)	GOST 8777-80	Wooden tight and slack barrels. Specifications	
		GOST 9338-80	Plywood drums. Specifications	
		GOST 9621-72	Laminated glued wood. Methods for determination of physical properties	
		GOST 11002-80	Wooden cases reinforced with wire. General specifications	
		GOST 16588-91 (ISO 4470-81)	Sawn products and wooden details. Methods for determining moisture content	
		GOST 18211-72 (ISO 12048-94)	Transport tare. Compression test method	
		GOST 18425-73	Complete, filled transport packages. Vertical impact test by dropping	
		GOST 25014-81	Filled transport packages. Methods of testing strength in piling	
		GOST 9557-87	Flat timber pallet with dimensions 800x1200 mm. Specifications	
		GOST 9078-84	Flat pallets. General specifications	
		GOST 9570-84	Box and pest pallets. General specifications	

		GOST 18343-80	Pallets for brick and structural-clay tile. Specifications	
		GOST 22322-77	Linings for item packaging in wooden packing. General specifications	
		GOST 21133-87	Specialized box pellets for potatoes, vegetables, fruits and melon cultures. Specifications	
		GOST 26838-86	Wooden boxes and roof boardings. Standards of mechanical strength	
		ST RK GOST R 51864-2008	Packaging. Testing methods of handle fastening strength	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
10	Article 5, paragraph 6, sub-paragraph 6.8 (ceramic)	STB 841-2003	Container soft packing. General specifications	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
11	Article 5, paragraph 8	STB 1015-97	Household and consumer products made of plastics. General specifications	
		SanPiN 13-3 RB 01*	The maximum permissible quantities of chemical substances emitted from materials contacting with food products	
		GN 2.3.3.972-00 *	The maximum permissible quantities of chemical substances emitted from materials contacting with food products	
		Instruction 2.3.3.10-15-64-2005*	Sanitary and chemical examination of goods manufactures from polymer and other synthetic materials contacting with food products	
		MI No. 880-71*	Instruction on sanitary and chemical examination of goods manufactures from polymer and other synthetic materials contacting with food products	
		MU No. 4395-87*	Methodological guidelines on hygienic assessment of varnished can containers	
		GOST 22648-77	Plastics. Methods for determination of hygienic characteristics	
		GOST 25749-2005	Metal winding lids. General specifications	
		GOST R ISO 10106-2009	Cork stoppers. Determination of global migration	
		GOST 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		GOST 51214-98	Closure products. General rules on	

			security, marking and acceptance	
		GOST R 51958-2002	Polymeric means of closing. General specifications	
12	Article 5, paragraph 9, sub-paragraph 9.1 (metallic)	STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		STB GOST R 51756-2002	Aluminum cans of deep drawing with easy open end. Specifications	
		GOST 5981-88	Tins for canned food. Specifications	
		GOST 18896-73	Steel thick-walled drums for chemical products. Specifications	
		GOST 25749-2005	Metal winding lids. General specifications	
		GOST R 51214-98	Closure products. General rules on security, marking and acceptance	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
13	Article 5, paragraph 9, sub-paragraph 9.2 (polymer and composite)	GOST 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		STB 1015-97	Household and consumer products made of plastics. General specifications	
		STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST R 51214-98	Closure products. General rules on security, marking and acceptance	
		GOST R 51958-2002	Polymeric means of closing. General specifications	
		GOST R 52579-2006	Consumers package from combined materials. General specifications	
		GOST R 53767-2010	Polymeric and combined means of closing for perfumery cosmetic production. General specifications	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
14	Article 5, paragraph 9, sub-paragraph 9.3 (cork)	STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST 5541-2002	Cork means of closing. General specifications	
		GOST R 51214-98	Closure products. General rules on security, marking and acceptance	
		GOST R ISO 4710-2002	Cylindrical cork stoppers for sparkling wines and gasified wines. General	

			technical requirements	
		GOST R ISO 4711-2002	Agglomerated cork discs. Specifications	
		GOST R ISO 9727-1-2009	Cylindrical cork stoppers. Methods for determination of physical properties. Part 1. Determination of dimensions	
		GOST R ISO 9727-3-2010	Cylindrical cork stoppers. Methods for determination of physical properties. Part 3. Determination of humidity content	
		GOST R ISO 9727-4-2010	Cylindrical cork stoppers. Methods for determination of physical properties. Part 4. Determination of dimensional recovery after compression	
		GOST R ISO 9727-7-2010	Cylindrical cork stoppers. Methods for determination of physical properties. Part 7. Determination of dust quantity	
		GOST R ISO 8507-2002	Agglomerated cork discs. Test methods	
		GOST R ISO 10106-2009	Cork stoppers. Determination of global migration	
		GOST R ISO 22308-2006	Cork stoppers. Sensory analysis	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	
15	Article 5, paragraph 9, sub-paragraph 9.4 (paperboard)	STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST R 51214-98	Closure products. General rules on security, marking and acceptance	
		ST RK ISO 8317-2008	Child-resistant packaging -- Requirements and testing procedures for reclosable packages	

* Shall be applicable temporarily until the corresponding interstate standard is adopted

List of standards, voluntary application of which ensures compliance with the requirements of the Technical Regulation of the Customs Union “On Safety of Packaging” (TR TS 005/2011)

Approved
by Decision of the Customs
Union Commission
No. 769 of August 16, 2011

No.	Elements of the Technical Regulation of the Customs Union	Identification of Standard.	Name of Standard	Note
1	2	3	4	5
1	Article 2	GOST 17527-2003	Package. Terms and definitions	
2	Article 5, paragraph 4	STB 117-93	Souvenir bottles. Specifications	
		STB 750-2000	Container soft packing. General specifications	
		STB 841-2003	Container soft packing. General specifications	
		STB 1015-97	Household and consumer products made of plastics. General specifications	
		STB 1517-2004	Polymeric consumers packaging. General specifications	
		STB GOST R 51720-2001	Polymeric sacks. General specifications	
		STB GOST R 51756-2002	Aluminum cans of deep drawing with easy open end. Specifications	
		GOST 745-2003	Aluminum foil for packing. Specifications	
		GOST 1341-97	Vegetable parchment. Specifications	
		GOST 1760-86	Greaseproof paper. Specifications	
		GOST 2226-88	Paper bags. Specifications	
		GOST 5037-97	Metal cans for milk and milk products. Specifications	
		GOST 5717.1-2003	Glass jars for canned food. General specifications	
		GOST 5981-88	Tins for canned food. Specifications	
GOST 7247-2006	Paper and combined materials on the base of paper for automatic packaging of food, manufactured			

			production and nonfood products. General specifications	
		GOST 7625-86	Paper for labeling. Specification	
		GOST 7730-89	Cellulose film. Specifications	
		GOST 8273-75	Packing paper. Specifications	
		GOST 9142-90	Boxes of corrugated board. General specifications	
		GOST 9338-80	Plywood drums. Specifications	
		GOST 10117.1-2001	Glass bottles for food liquids. General specifications	
		GOST 10354-82	Polyethylene film. Specifications	
		GOST 12120-82	Metal and composite cans. Specifications	
		GOST 12301-2006	Cartons of paperboard, paper and composite materials. General specifications	
		GOST 12302-83	Bags made of polymeric and composite materials. General specifications	
		GOST 12303-80	Packs of paperboard, paper and composite materials. General specifications	
		GOST 13511-2006	Boxes of corrugated board for food-stuffs, matches, tobacco and detergents. Specifications	
		GOST 13512-91	Boxes made of corrugated board for confectionery. Specifications	
		GOST 13479-82	Board and combined cans. General specifications	
		GOST 13356-84	Wooden boxes for goods of fishing industry. Specifications	
		GOST 16535-95	Corrugated board boxes for ice-cream. Specifications	
		GOST 17065-94	Wound paperboard drums. Specifications	
		GOST 19360-74	Film liner-bags. General specifications	
		GOST 24370-80	Packets of paper and composite materials. General specifications	
		GOST 25250-88	PVC film for production of food and medicine package. Specifications	
		GOST 25951-83	Thermoshrinking polyethylene film. Specifications	
		GOST 30090-93	Sacks and fabric for sacks. General specifications	

		GOST R 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		GOST R 51756-2001	Aluminum cans of deep drawing with easy open end. Specifications	
		GOST R 51289-99	Returnable polymeric boxes. General specifications	
		GOST R 52022-2003	Aluminum cans of deep drawing with easy open end. Specifications	
		GOST R 52145-2003	Combined materials on basis of aluminum foil. Specifications	
		GOST R 52267-2004	Metal barrels for food liquids. Specifications	
		GOST R 52327-2005	Glass containers for children's food. Specifications	
		GOST R 52564-2006	Polypropylene woven sacks. General specifications	
		GOST R 52579-2006	Consumers package from combined materials. General specifications	
		GOST R 52789-2007	Bottles from polyethylene terephthalate for food liquids. General specifications	
		GOST R 52897-2007	Glass jars food products of fishing industry. Specifications	
		GOST R 52898-2007	Glass bottles for food acetic acid and food vinegars. Specifications	
		GOST R 52903-2007	Packs made of polymeric films and composite materials. General specifications	
		GOST R 53361-2009	Bags made of paper and composite materials. General specifications	
		GOST R 53921-2010	Glass containers for alcohol and non – alcohol food products. General specifications	Development of an interstate standard in 2011-2012
3	Article 5, paragraph 5	STB GOST R 51781-2002	Glass containers for perfumery and cosmetic products. General specifications	
		STB GOST R 51720-2001	Polymeric sacks. General specifications	
		STB 1015-97	Household and consumer products made of plastics. General specifications	
		STB 1517-2004	Polymeric consumers packaging.	

			General specifications	
		GOST 7247-2006	Paper and combined materials on the base of paper for automatic packaging of food, manufactured production and nonfood products. General specifications	
		GOST 8273-75	Packing paper. Specifications	
		GOST 10354-82	Polyethylene film. Specifications	
		GOST 11600-75	Wrapping paper for textile products and articles. Specifications	
		GOST 12302-83	Bags made of polymeric and composite materials. General specifications	
		GOST 13511-2006	Boxes of corrugated board for food-stuffs, matches, tobacco and detergents. Specifications	
		GOST 25951-83	Thermoshrinking polyethylene film. Specifications	
		GOST 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		GOST 17527-2003	Package. Terms and definitions	
4	Article 5, paragraph 6, subparagraph 6.1 (metallic)	STB GOST R 51756-2002	Aluminum cans of deep drawing with easy open end. Specifications	
		GOST 745-2003	Aluminum foil for packing. Specifications	
		GOST 5037-97	Metal cans for milk and milk products. Specifications	
		GOST 5799-78	Flasks for paints and varnishes. Specifications	
		GOST 5981-88	Tins for canned food. Specifications	
		GOST 6128-81	Metallic tins for chemical products. Specifications	
		GOST 12120-82	Metal and composite cans. Specifications	
		GOST 13950-91	Welded and folded steel barrels (drums) with crimps on casing. Specifications	
		GOST 18896-73	Steel thick-walled drums for chemical products. Specifications	
		GOST 26220-84	Aerosol aluminum monoblock balloons. Specifications	
		GOST 26384-84	Cylindrical round tins for canned	

			food. Sizes of constructive elements	
		GOST 30765-2001	Metal transport packaging. General specifications	
		GOST 30766-2001	Tins for chemical products. General specifications	
		GOST R 51756-2001	Aluminum cans of deep drawing with easy open end. Specifications	
		GOST R 52267-2004	Metal barrels for food liquids. Specifications	
5	Article 5, paragraph 6, subparagraph 6.2 (glass)	GOST 5717.1-2003	Glass jars for canned food. General specifications	
		GOST 5717.2-2003	Glass jars canned food. Basic parameters and dimensions	
		GOST 10117.1-2001	Glass bottles for food liquids. General specifications	
		GOST 10117.2-2001	Glass bottles for food liquids. Types, parameters and main dimensions	
		GOST R 53846.1-2010	Glass bottles. Neck finishes. Types and dimensions. Part 1. Finish tape KPM-30	
		GOST 15844-92	Glass bottles for milk and milk products. Specifications	
		STB GOST R 51781-2002	Glass containers for perfumery and cosmetic products. General specifications	
		GOST R 51640-2000	Glass containers for goods of household chemistry. Specifications	
		GOST R 51781-2001	Glass containers for perfumery and cosmetic products. General specifications	
		STB 117-93	Souvenir bottles. Specifications	
		GOST 30288-95	Glass containers. Safety, marking, raw materials saving. General	
		GOST R 52327-2005	Glass containers for children's food. Specifications	Development of an interstate standard in 2011-2012
		GOST R 52617-2006	Glass containers for milk and milk products. Specifications	
		GOST R 52897-2007	Glass jars food products of fishing industry. Specifications	Development of an interstate standard in 2011-2012

		GOST R 52898-2007	Glass bottles for food acetic acid and food vinegars. Specifications	
		GOST R 53921-2010	Glass containers for alcohol and non – alcohol food products. General specifications	Development of an interstate standard in 2011-2012
6	Article 5, paragraph 6, subparagraph 6.3 (polymer)	STB 1015-97	Household and consumer products made of plastics. General specifications	
		STB 1517-2004	Polymeric consumers packaging. General specifications	
		STB GOST R 51720-2001	Polymeric sacks. General specifications	
		GOST 7730-89	Cellulose film. Specifications	
		GOST 10354-82	Polyethylene film. Specifications	
		GOST 12302-83	Bags made of polymeric and composite materials. General specifications	
		GOST 51289-99	Returnable polymeric boxes. General specifications	
		GOST 16398-81	Calendered vinyl plastic film. Specifications	
		GOST 17811-78	Polyethylene bags for chemical products. Specifications	
		GOST 19360-74	Film liner-bags. General specifications	
		GOST 24234-80	Polyethylene terephthalate film (polyester film). Specifications	
		GOST 25250-80	PVC film for production of food and medicine package. Specifications	
		GOST 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		GOST 25951-83	Thermoshrinking polyethylene film. Specifications	
		GOST R 51760-2001	Polymeric consumer packaging. General specifications	
		GOST R 52620-2006	Transport polymeric containers. General specifications	
GOST R 52789-2007	Bottles from polyethylene terephthalate for food liquids. General specifications			
GOST R 52903-2007	Packs made of polymeric films and composite materials. General specifications			

		ST RK GOST R 51760-2003	Polymeric consumer packaging. General specifications	
		ST RK ISO 20848.1-2009	Packaging Plastics drums Part 1: Removable head (open head) drums with a nominal capacity of 1136 l to 220 l	
		ST RK ISO 20848.2-2009	Packaging Plastics drums Part 2: Non-removable head (tight head) drums with a nominal capacity of 2082 l and 220 l	
7	Article 5, paragraph 6, sub- paragraph 6.4 (paperboard and paper)	GOST 1341-97	Vegetable parchment. Specifications	
		GOST 1760-86	Greaseproof paper. Specifications	
		GOST 2226-88 (ISO 6590-1-83, ISO 7023-83)	Paper bags. Specifications	
		GOST 2228-81	Paper for bags. Specifications	
		GOST 5884-86	Boxes of corrugated board for incandescent lamps. Specifications	
		GOST 7247- 2006	Paper and combined materials on the base of paper for automatic packaging of food, manufactured production and nonfood products. General specifications	
		GOST 8273-75	Packing paper. Specifications	
		GOST 8828-89	Paper-base and two-layer waterproof packing paper. Specifications	
		GOST 9142-90	Boxes of corrugated board. General specifications	
		GOST 9481- 2001	Corrugated board boxes for chemical threads. Specifications	
		GOST 9569- 2006	Paraffined paper. Specifications	
		GOST 11600-75	Wrapping paper for textile products and articles. Specifications	
		GOST 12301- 2006	Cartons of paperboard, paper and composite materials. General specifications	
		GOST 12303-80	Packs of paperboard, paper and composite materials. General specifications	
		GOST 13502-86	Paper packets for loose products. Specifications	

	GOST 13479-82	Board and combined cans. General specifications	
	GOST 13511-2006	Boxes of corrugated board for food-stuffs, matches, tobacco and detergents. Specifications	
	GOST 13512-91	Boxes made of corrugated board for confectionery. Specifications	
	GOST 13513-86	Boxes made of corrugated board for dairy and milk industry production. Specifications	
	GOST 13514-93	Boxes of corrugated board for products of light industry. Specifications	
	GOST 13515-91	Boxes of packaging flat pasted board for butter and margarine. Specifications	
	GOST 13516-86	Corrugated cardboard boxes for canned food, preserves and food liquids. Specifications	
	GOST 13841-95	Corrugated board boxes for chemical products. Specifications	
	GOST 16534-89	Cardboard boxes for footwear. Specifications	
	GOST 16535-95	Corrugated board boxes for ice-cream. Specifications	
	GOST 17065-94	Wound paperboard drums. Specifications	
	GOST 17339-79	Folding packs for bulk products for domestic chemistry. Specifications	
	GOST 18319-83	Corrugated board boxes for meat mincers. Specifications	
	GOST 21575-91	Corrugated board boxes for fluorescent lamps. Specifications	
	GOST 22637-77	Corrugated fiberboard boxes for electronic components. Specifications	
	GOST 22702-96	Boxes of corrugated board for food-liquid bottles, supplied for export. Specifications	
	GOST 22852-77	Corrugated fiber boxes for products of instruments making industry. Specifications	
	GOST 24370-80	Packets of paper and composite materials. General specifications	
	GOST 27840-93	Containers for parcels and printed	

			matters. General specifications	
		GOST R 53361-2009	Bags made of paper and composite materials. General specifications	
		ST RK 242-92 s	Half-finished boxes and folding packs. Boxes and folding packs. Technical specifications	
		ST RK 995-97	Paraffined labels in bobbins for machine wrap of confectionery, bakery products, and chewing gum.o	
8	Article 5, paragraph 6, subparagraph 6.5 (from composite materials)	GOST 12120-82	Metal and composite cans. Specifications	
		GOST 12301-2006	Cartons of paperboard, paper and composite materials. General specifications	
		GOST 12302-83	Bags made of polymeric and composite materials. General specifications	
		GOST 17339-79	Folding packs for bulk products for domestic chemistry. Specifications	
		GOST 24370-80	Packets of paper and composite materials. General specifications	
		GOST R 52579-2006	Consumers package from combined materials. General specifications	
		GOST R 52903-2007	Packs made of polymeric films and composite materials. General specifications	
		GOST R 53361-2009	Bags made of paper and composite materials. General specifications	
		ST RK GOST R 52579-2008	Consumers package from combined materials. General specifications	
9	Article 5, paragraph 6, subparagraph 6.6 (from textile materials)	STB 750-2000	Container soft packing. General specifications	
		GOST 30090-93	Sacks and fabric for sacks. General specifications	
		GOST R 52564-2006	Polypropylene woven sacks. General specifications	
10	Article 5, paragraph 6, subparagraph 6.7 (wood)	GOST 5959-80	Uncollapsible wooden sheet material boxes for weights to 200 kg mass. General specifications	
		GOST 8777-80	Wooden tight and slack barrels.	

			Specifications	
		GOST 9078-84	Flat pallets. General specifications	
		GOST 9338-80	Plywood drums. Specifications	
		GOST 9396-88	Returnable wooden boxes. General specifications	
		GOST 9557-87	Flat timber pallet with dimensions 800x1200 mm. Specifications	
		GOST 9570-84	Box and pest pallets. General specifications	
		GOST 11002-80	Wooden cases reinforced with wire. General specifications	
		GOST 10131-93	Cases of wood and wood materials for food-stuffs, agricultural products and matches. Specifications	
		GOST 10350-81	Wooden cases for light industry produce. Specifications	
		GOST 11142-78	Plate boxes for personal defense means. Specifications	
		GOST 11354-93	Returnable cases of wood and wood materials for food-stuffs and agricultural products. Specifications	
		GOST 13356-84	Wooden boxes for goods of fishing industry. Specifications	
		GOST 13512-91	Boxes made of corrugated board for confectionery. Specifications	
		GOST 13358-84	Board boxes for canned foods. Specifications	
		GOST 16511-86	Wooden boxes for products of electro technical industry. Specifications	
		GOST 17812-72	Multi-use wooden cases for vegetables and fruits. Specifications	
		GOST 18573-86	Wooden cases for products of chemical industry. Specifications	
		GOST 20463-75	Wooden cases reinforced with wire for vegetables and fruit. Specifications	
		GOST 21133-87	Specialized box pellets for potatoes, vegetables, fruits and melon cultures. Specifications	
		GOST 22638-89	Boxes made of boards and plywood for electronic products. General specifications	

		GOST 22852-77	Corrugated fiber boxes for products of instruments making industry. Specifications	
		GOST 24634-81	Wooden boxes for export products. General specifications	
		GOST 26838-86	Wooden boxes and roof boardings. Standards of mechanical strength	
11	Article 5, paragraph 6, subparagraph 6.8 (ceramic)	STB 841-2003	Container soft packing. General specifications	
12	Article 5, paragraph 8	GOST 25749-2005	Metal winding lids. General specifications	
		GOST 5541-2002	Cork means of closing. General specifications	
		GOST R ISO 4710-2002	Cylindrical cork stoppers for sparkling wines and gasified wines. General technical requirements	
		STB 1015-97	Household and consumer products made of plastics. General specifications	
		STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		GOST 51214-98	Closure products. General rules on security, marking and acceptance	
		GOST R 51958-2002	Polymeric means of closing. General specifications	
13	Article 5, paragraph 9, subparagraph 9.1 (metallic)	STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST 5037-97	Metal cans for milk and milk products. Specifications	
		GOST 5799-78	Flasks for paints and varnishes. Specifications	
		GOST 26220-84	Aerosol aluminum monoblock balloons. Specifications	
		GOST 13479-82	Board and combined cans. General specifications	

		GOST 18896-73	Steel thick-walled drums for chemical products. Specifications	
		GOST 25749-2005	Metal winding lids. General specifications	
		GOST 26891-86	Aerosol valves, spraying tops and caps. Specifications	
		GOST R 51214-98	Closure products. General rules on security, marking and acceptance	
		STB GOST R 51756-2002	Aluminum cans of deep drawing with easy open end. Specifications	
		GOST 5981-88	Tins for canned food. Specifications	
		ST RK GOST R 51214-2003	Closure products. General rules on security, marking and acceptance	
14	Article 5, paragraph 9, subparagraph 9.2 (polymer and composite)	STB 1015-97	Household and consumer products made of plastics. General specifications	
		STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST 50962-96	Plastics vessels and articles for economic purposes. General specifications	
		GOST 13479-82	Board and combined cans. General specifications	
		GOST 26891-86	Aerosol valves, spraying tops and caps. Specifications	
		GOST R 51214-98	Closure products. General rules on security, marking and acceptance	
		GOST R 51958-2002	Polymeric means of closing. General specifications	
		GOST R 53767-2010	Polymeric and combined means of closing for perfumery cosmetic production. General specifications	
		ST RK GOST R 51214-2003	Closure products. General rules on security, marking and acceptance	
		ST RK ISO 20848.3-2009	Packaging Plastics drums Part 3: Plug/bung closure systems for plastics drums with a nominal capacity of 1136 l to 220 l	
15	Article 5, paragraph 9, subparagraph 9.3 (cork)	GOST 5541-2002	Cork means of closing. General specifications	
		STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST R 51214-	Closure products. General rules on	

		98	security, marking and acceptance	
		GOST R ISO 4710-2002	Cylindrical cork stoppers for sparkling wines and gasified wines. General technical requirements	
		GOST R ISO 4711-2002	Agglomerated cork discs. Specifications	
		STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST R 51214-98	Closure products. General rules on security, marking and acceptance	
		ST RK GOST R 51214-2003	Closure products. General rules on security, marking and acceptance	
16	Article 5, paragraph 11 (sub-paragraph 11.3)	STB ISO 14021-2002	Environmental labels and declarations. Self-declared environmental claims (type ii environmental labeling)	
		STB 1372-2002 (GOST R 51214-98)	Closure products. General rules on security, marking and acceptance	
		GOST R 51214-98	Closure products. General rules on security, marking and acceptance	
		ST RK GOST R 51214-2003	Closure products. General rules on security, marking and acceptance	
17	Article 5, paragraph 11 (sub-paragraph 11.3)	ST RK EN 13430-2007	Resource conservation. Packaging. Requirements for application as recycled material resources	
18	Article 5, paragraph 11 (sub-paragraph 11.3)	ST RK 1406-2005	Packaging. Marking signs.	