

Saudi Standards, Metrology and Quality Org.(SASO)

Technical Regulation

Standard No.	SASO-GSO-2231
Reference No.	GSO-2231
Issue Year	2012
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General Requirements for the materials intended to come into contact with food



Saudi Standards

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GSO-2231

NATIONAL FOREWORD

The Saudi Standards, Metrology and Quality (SASO) has approved The GSO Technical Regulation:

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Saudi Standards

المملكة العربية السعودية

KINGDOM OF SAUDIA ARABIA

الهيئة السعودية للمواصفات والمقاييس والجودة

Saudi Standards, Metrology and Quality Org.(SASO)

Technical Regulation

لائحة فنية

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الاشتراطات العامة لمواصفات المواد الملامسة للأغذية

General Requirements for the materials intended to come into contact with food



المواصفات القياسية السعودية

Saudi Standards

تقديم وطني

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هيئة التقييس لدول مجلس التعاون لدول الخليج العربية
GCC STANDARDIZATION ORGANIZATION (GSO)



GSO 2231/2012 (E)

الاشتراطات العامة لمواصفات المواد الملامسة للأغذية
General Requirements for the materials intended
to come into contact with food

ICS : 67.260.00

General Requirements for the materials intended to come into contact with food

Date of GSO Board of Directors' Approval : 17/11/1433h(03/10/2012)
Issuing Status : Technical regulation

Foreword

GCC Standardization Organization (GSO) is a regional Organization which consists of the National Standards Bodies of GCC member States. One of GSO main functions is to issue Gulf Standards /Technical regulations through specialized technical committees (TCs).

GSO through the technical program of committee TC No (5) " Technical committee for standards of food and agriculture products " has prepared this Technical regulation. The Draft Technical regulation has been prepared by United Arab Emirates . The draft Technical regulation has been prepared based on relevant ADMO, International and National foreign Standards and references.

This Technical regulation has been approved by GSO Board of Directors in its meeting No.(16), held on 17/11/1433h(03/10/2012).

General Requirements for the materials and articles intended to come into contact with food

1. Scope

This Standard apply to materials and articles, including active and intelligent food contact materials and articles, (hereinafter referred to as materials and articles) which in their finished state:

- (a) are intended to be brought into contact with food; or
- (b) are already in contact with food and were intended for that purpose; or
- (c) can reasonably be expected to be brought into contact with food or to transfer their constituents to food under normal or foreseeable conditions of use. this Standard not apply to:
 - (a) materials and articles which are supplied as antiques;
 - (b) covering or coating materials, such as the materials covering cheese rinds, prepared meat products or fruits, which form part of the food and may be consumed together with this food;
 - (c) fixed public or private water supply equipment.

This Standard also establishes definitions, general requirements, labeling and Traceability.

2. Definitions

For the purposes of this standard the following definitions shall apply:

- 2.1 active food contact materials and articles (hereinafter referred to as active materials and articles) means materials and articles that are intended to extend the shelf-life or to maintain or improve the condition of packaged food. They are designed to deliberately incorporate components that would release or absorb substances into or from the packaged food or the environment surrounding the food;
- 2.2 intelligent food contact materials and articles' (hereinafter referred to as intelligent materials and articles) means materials and articles which monitor the condition of packaged food or the environment surrounding the food;
- 2.3 business means any undertaking, whether for profit or not and whether public or private, carrying out any of the activities related to any stage of manufacture, processing and distribution of materials and articles;
- 2.4 business operator means the natural or legal persons responsible for ensuring that the requirements of this Regulation are met within the business under their control.
- 2.5 traceability: the ability to trace and follow a material or article through all stages of manufacture, processing and distribution;
- 2.6 placing on the market: the holding of materials and articles for the purpose of sale, including offering for sale or any other form of transfer, whether free of charge or

not, and the sale, distribution and other forms of transfer themselves.

3. General requirements

- 3.1 Materials and articles, including active and intelligent materials and articles, shall be manufactured in compliance with good manufacturing practice so that, under normal or foreseeable conditions of use, they do not transfer their constituents to food in quantities which could:
 - 3.1.1 endanger human health; or
 - 3.1.2 bring about an unacceptable change in the composition of the food; or
 - 3.1.3 bring about a deterioration in the organoleptic characteristics thereof.
- 3.2 Active materials and articles shall not bring about changes in the composition or organoleptic characteristics of food, for instance by masking the spoilage of food, which could mislead consumers.
- 3.3 Intelligent materials and articles shall not give information about the condition of the food which could mislead consumers.
- 3.4 Active and intelligent materials and articles already brought into contact with food shall be adequately labelled to allow identification by the consumer of non-edible parts.
- 3.5 Active and intelligent materials and articles shall be adequately labelled to indicate that the materials or articles are active and/or intelligent.
- 3.6 the Specific measures for groups of materials and articles shall be apply :
 - 3.6.1 For the groups of materials and articles listed in Annex I and, where appropriate, combinations of those materials and articles or recycled materials and articles used in the manufacture of those materials and articles, specific measures may be maintaining or adopted by Gulf standard or national provisions provided they comply with the rules of the Treaty.

Those specific measures may include:

- (a) a list of substances authorised for use in the manufacturing of materials and articles;
- (b) list(s) of authorised substances incorporated in active or intelligent food contact materials and articles, or list(s) of active or intelligent materials and articles and, when necessary, special conditions of use for these substances and/or the materials and articles in which they are incorporated;
- (c) purity standards for substances referred to in (a);
- (d) special conditions of use for substances referred to in (a) and/or the materials and articles in which they are used;
- (e) specific limits on the migration of certain constituents or groups of constituents into or on to food, taking due account of other possible sources of exposure to those constituents;
- (f) an overall limit on the migration of constituents into or on to food;
- (g) provisions aimed at protecting human health against hazards arising from oral

contact with materials and articles;

(h) other rules to ensure compliance with these general requirements ;

(i) basic rules for checking compliance with points (a) to (h);

(j) rules concerning the collection of samples and the methods of analysis to check compliance with points (a) to (h);

(k) specific provisions for ensuring the traceability of materials and articles including provisions regarding the duration for retention of records or provisions to allow, if necessary, for derogations from the requirements of Article 5.

4. Labelling

4.1 Materials and articles, which are not yet in contact with food when placed on the market, shall be accompanied by the words “for food contact” or the fork and glass symbol (see figure 1);

4.2 if necessary, special instructions to be observed for safe and appropriate use;

4.3 the name or trade name and the contact details of the manufacturer, processor or seller responsible for placing on the market;

4.4 adequate labelling or identification to ensure traceability;

4.5 in case of active material and articles, information on the permitted use(s) and name and quantity of the substances released by the active component;

4.6 the information required above shall be clearly legible and indelible. The retail trade of materials and articles shall be prohibited if the information provided to the purchasers is not given in a language easily understood by them;

4.7 at the marketing stages other than the retail stage, the information required above shall be displayed on (a) the accompanying documents or (b) the labels or the packaging or (c) the materials and articles themselves;

4.8 at the retail stage, the information required above shall be displayed on (a) the materials or articles or on their packaging,

(b) labels fixed to them or

(c) a notice in the immediate vicinity of the materials or articles.



figure .1

5. Traceability

- 5.1 The traceability of materials and articles shall be ensured at all stages in order to facilitate control, the recall of defective products, consumer information and the attribution of responsibility.
- 5.2 With due regard to technological feasibility, business operators shall have in place systems and procedures to allow identification of the businesses from which and to which materials or articles and, where appropriate, substances or products covered by this Standard and its implementing measures used in their manufacture are supplied. That information shall be made available to the competent authorities on demand.
- 5.3 The materials and articles which are placed on the market shall be identifiable by an appropriate system which allows their traceability by means of labelling or relevant documentation or information.

ANNEX I

List of groups of materials and articles which may be covered by specific measures

1. Active and intelligent materials and articles
2. Adhesives
3. Ceramics
4. Cork
5. Rubbers
6. Glass
7. Ion-exchange resins
8. Metals and alloys
9. Paper and board
10. Plastics
11. Printing inks
12. Regenerated cellulose
13. Silicones
14. Textiles
15. Varnishes and coatings
16. Waxes
17. Wood