



Update on **ASEAN** guidelines on **FCM**

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Outline



Works of PFPWG for harmonisation of Food Safety Standards



ASEAN Initiatives on FCM

- ✓ ASEAN General Guidelines on Food Contact Materials
- ✓ ASEAN Guidelines for Good Manufacturing Practice for Food Contact Materials
- ✓ ASEAN Guidelines on Specific Measures for Ceramic Articles Intended to Come into Contact with Foodstuffs



Next ASEAN Initiatives on plastics

Works of PFPWG for harmonisation of Food Safety Standards

Prepared Foodstuff Product Working Group (PFPWG)

21st ACCSQ Meeting (3-4 March 2003) agreed to form PFPWG in conducting its tasks and works in particular in prepared foodstuff on HS Code 16 - 22

- ✓ identify areas for possible harmonisation of technical requirements/standards, and MRAs
- ✓ identify technical assistance and capacity building needed to support

ASEAN Committee on Harmonisation of Prepared Foodstuff Standards (AHPFS)

8th PFPWG Meeting (21-22 August 2008) agreed to establish a Task Force to address the harmonisation of prepared foodstuff standards

- ✓ Food Safety Requirements on Food Additives
- ✓ Food Safety Requirements on Food Contaminants
- ✓ Food Safety Requirements on Food Contact Materials
- ✓ Labelling of Prepackaged Foods and Nutrition Labelling

ASEAN General Guidelines on Food Contact Materials (FCM)



- ✓ serves as a reference to ASEAN Member States as a means of enhancing food safety across the region through the establishment of harmonised requirements

- ✓ provides general guidelines for FCM while specific requirements will be developed in separate documents

- ✓ is endorsed by the 26th Meeting of PFPWG (April 2018)



- ✓ Reference: Regulation (EC) No1935/2004 on materials and articles intended to come into contact with food

OBJECTIVE

- ✓ provides general guidelines for use by competent authorities and food industries to ensure the use of safe food packaging
- ✓ provides guidance on traceability system to assist food industries to be able to identify the compliance of FCM with the relevant requirements, thereby protecting consumers and facilitating trade in foodstuffs among ASEAN Member States



SCOPE



- ✓ provides general guideline for the safety and safe use of FCM, which covers any types of materials and articles in their finished state
 - are intended to be brought into contact with food; or
 - are already in contact with food and were intended for that purpose; or
 - 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

- ✓ shall not apply to FCM which are naturally occurring, covering or coating materials such as edible casings, and fixed public or private water supply equipment

Relevant requirements

SECTION 5 GENERAL PRINCIPLES AND REQUIREMENTS

SECTION 6 SPECIFIC MEASURES FOR GROUPS OF FCM

- ✓ a list of starting substances authorized
- ✓ purity standards for starting substances
- ✓ special conditions of use for starting substances
- ✓ Specific limits on the migration
- ✓ an overall limit on the migration
- ✓ other rules to ensure compliance
- ✓ basic rules for checking compliance
- ✓ rules concerning inspection, collection of samples and the methods of analysis
- ✓ specific provisions for ensuring the traceability of FCM
- ✓ provisions to establish and maintain a publicly available register of authorised substances, processes, or materials or articles

SECTION 7 LABELLING

SECTION 8 DECLARATION OF COMPLIANCE (DoC)

SECTION 9 TRACEABILITY

SECTION 10 INSPECTION AND CONTROL MEASURES

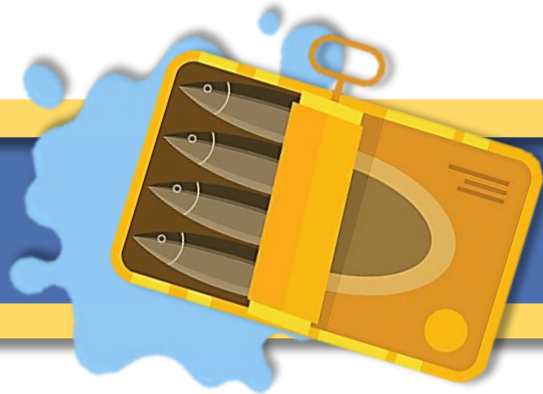
ANNEX to ASEAN General Guidelines for FCM

List of groups of FCM which may be covered by specific measures

- ✓ Active and intelligent materials and articles
- ✓ Adhesives
- ✓ Ceramics
- ✓ Cork
- ✓ Rubbers
- ✓ Glass
- ✓ Ion-exchange resins
- ✓ Metals and alloys
- ✓ Paper and board
- ✓ Plastics
- ✓ Printing inks
- ✓ Silicones
- ✓ Textiles
- ✓ Varnishes and coatings
- ✓ Waxes
- ✓ Wood

ASEAN Guidelines for Good Manufacturing Practice for Food Contact Materials

- ✓ provides guidelines for GMP for FCM to ensure that all FCM shall be manufactured in compliance with GMP
- ✓ is endorsed by the 29th Meeting of PFPWG (November 2019)
- ✓ Reference: Regulation (EC) No2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food



SCOPE

applies to all sectors responsible
for manufacturing of FCM, excluding
the production of starting substances



Relevant requirements

SECTION 3 CONFORMITY WITH GMP FOR FCM

SECTION 4 QUALITY ASSURANCE SYSTEM

SECTION 5 QUALITY CONTROL SYSTEM

SECTION 6 DOCUMENTATION

SECTION 7 THE APPLICATION OF PRINTING INK



ASEAN Guidelines on Specific Measures for Ceramic Articles Intended to Come into Contact with Foodstuffs

✓ is elaborated as part of the development of specific measures for 17 groups of FCM as listed in the Annex of the ASEAN General Guidelines on FCM

✓ is endorsed by the 36th Meeting of PFPWG (February 2023)



✓ References:



- ❖ COUNCIL DIRECTIVE of 15 October 1984 on the approximation of the laws of the Member States relating to ceramic articles intended to come into contact with foodstuffs (84/500/EEC)
- ❖ ISO 6486-1 Ceramic ware, glass ceramic ware and glass dinnerware in contact with food – Release of lead and cadmium – Part 1: Test method
- ❖ ISO 6486-2 Ceramic ware, glass-ceramic ware and glass dinnerware in contact with food – Release of lead and cadmium – Part 2: Permissible limits

OBJECTIVE

- ✓ is intended primarily for use by competent authorities and manufacturers to ensure production of safe ceramic articles
- ✓ provides guidance on traceability system to assist all relevant business operators to identify and control the key parameters determining compliance of ceramic articles with the relevant requirements, thereby protecting consumers and facilitating trade among ASEAN Member States



SCOPE

✓ apply to the following ceramic articles:

- Flatware;
- Hollowware (small, large, storage, as well as cups and mugs);
- Cookware

✓ Household and kitchenware articles made from glass and enamelled articles are not in the scope



Flatware means ceramic article having an internal depth not exceeding 25 mm, measured from the lowest point to the horizontal plane passing through the point of overflow



Hollowware means ceramic article having an internal depth greater than 25 mm, measured from the lowest point to the horizontal plane passing through the point of overflow. Hollowware is subdivided into three categories based on volume:

Small: hollowware with a capacity < 1.1 L;

Large: hollowware with a capacity of ≥ 1.1 L and less than 3 L;

Storage: hollowware with a capacity of ≥ 3 L;

Cups and mugs: small ceramic hollowware commonly used for consumption of beverages, e.g., coffee or tea at elevated temperature

Cookware means ceramic ware specifically intended to be heated in the course of preparation of food and drinks



Relevant requirements

SECTION 5 GENERAL PRINCIPLES AND REQUIREMENTS

SECTION 6 SPECIFIC MIGRATION LIMIT FOR CERAMIC ARTICLES

Ceramic Articles	Limits of Migration	
	Lead	Cadmium
Flatware	0.8 mg/dm ²	0.07 mg/dm ²
Small Hollowware	2.0 mg/l	0.5 mg/l
Large Hollowware	1.0 mg/l	0.25 mg/l
Storage Hollowware	0.5 mg/l	0.25 mg/l
Cups and Mugs	0.5 mg/l	0.25 mg/l
Cookware	0.5 mg/l	0.05 mg/l

Test methods for the release of lead and cadmium are described in ISO 6486-1: 2019, which may be taken as reference.

SECTION 7 LABELLING

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ANNEX : DECLARATION OF COMPLIANCE



Next ASEAN Initiatives on plastics

- ✓ Draft ASEAN Guidelines on Specific Measures for plastic materials and articles intended to come into contact with foodstuffs is in process of harmonisation of standard on FCM

- ✓ the 2nd document to be elaborated as part of the development of specific measures for 17 groups of FCM listed in the Annex of the ASEAN General Guidelines on FCM





Thank you
For Your Attention