



Nacionalni inštitut
za javno zdravje

Materiali, ki prihajajo v stik z živili, migracije in nadzor

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Vsebina

- materiali v stiku z živili
- migracije
- uradni nadzor
- zaključek

Aktivni in inteligentni materiali in izdelki

Lepila

Keramika

Pluta

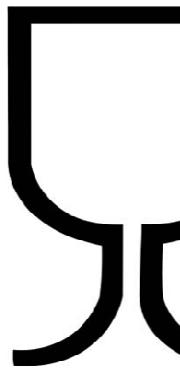
Gume

Steklo

Smole za ionsko izmenjavo

Kovine in zlitine

- Papir in lepenka
- Plastične mase
- Tiskarske barve
- Regenerirana celuloza
- Silikoni
- Tekstil
- Laki in premazi
- Voski
- Les



Contact Materials - Legislative Lists**Regulation**

[Regulation EU 202/2014](#) - plastic materials and articles intended for contact with food amending Regulation (EU) No 10/2011

[Regulation EU 1183/2012](#) - plastic materials and articles intended for contact with food amending Regulation (EU) No 10/2011

[Amendment to Regulation EU 1183/2012](#) - plastic materials and articles intended for contact with food amending Regulation (EU) No 10/2011.

[Regulation EU 1282/2011](#) - plastic materials and articles intended for contact with food amending Regulation (EU) No 10/2011

[Regulation EU 321/2011](#) - restricting Bisphenol A use in plastic infant feeding bottles

[Regulation EU 284/2011](#) - import procedures for polyamide and melamine plastic kitchenware from China and Hong Kong

Legislation

Framework Regulation on materials and articles intended to come into contact with food [Regulation EC 1935/2004](#)

Manufacturing Practice for materials and articles intended to come in contact with food [Regulation EC 2023/2006](#)

Regulation on specific materials

[Regulation EU 10/2011](#) - plastic materials and articles intended to come into contact with food:

Consolidates old rules

Repeals old rules

Replaces old rules

[Regulation EC 450/2009](#) - active and intelligent materials and articles intended to come into contact with food

[Regulation EC 282/2008](#) - recycled plastic materials and articles intended to come into contact with foods

[Directive 2007/42/EC](#) - materials and articles made of regenerated cellulose film intended to come into contact with foods

[Directive 84/500/EEC](#) - approximating EU countries' laws on ceramic articles intended to come into contact with foods

Regulation on specific substances

To

Introduction

EU Legislation

Legislative

Scientific

News

Document

Food contact
materials

Uredba 1935/2004: Člen 3 **Splošne zahteve**

Materiali in izdelki, vključno z aktivnimi in inteligenčnimi materiali in izdelki, se proizvajajo v skladu z dobro proizvodno prakso, tako da normalnih ali predvidljivih pogojih uporabe njihove **sestavine** ne prehajajo v živila v količinah, ki bi lahko:

-) **ogrožale zdravje ljudi;** ali
-) povzročale **nesprejemljivo spremembo v sestavi živil;** ali
-) povzročale **poslabšanje njihovih organoleptičnih lastnosti.**

Označevanje, oglaševanje in predstavitev materiala ali delka **ne sme zavajati** potrošnikov.

A & I Materiali



Lepila



BADGE, BFDGE, derivati



Keramika



Pb, Cd
(Ba, Cr, Se, Sb, Co)

Pluta

PCP, triklorofenoli, ostanki pesticidov,
mikotoksini

Guma

N-nitrozamini, formaldehid, ditiokarbamati,
BT, MBT, Pb, As, Zn



Steklo

Pb, Cd



Ionske izmenjevalne smole



Kovine in zlitine

Cr, Ni, Pb, Cd, Hg, Al...



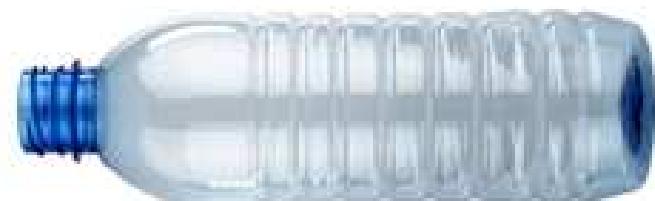
Papir

Pb, As, Cd, Hg, formaldehyd, PCBji, PCP,



Plastični materiali

PAAji, formaldehid, BPA, ftalati,....



Tiskarska črnila

As, Pb, Cd, Hg, Ba, Cr,
Sb, Se, PAHi, PAAji



ITX, BP, 4-MBP



Regenerirana celuloza



Silikoni

hlapne snovi
organopolisilosani



Tekstil



Sestavine tiskarskih črnih, belih in sredstev za impregnacijo



Laki in premazi

BADGE, BFDGE & derivati, PAAji,
formaldehid, fenoli, Zn



VOSKI



PAHi



Les



Antimikrobna sredstva, sredstva za vlaženje
formaldehid



Uradni nadzor

- ZIRS: uradni nadzor – inšpekcijski nadzor in vzorčenje na meji in na tržišču
- Nacionalni referenčni laboratorij za materiale v stiku z živili - preskušanje



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA ZDRAVJE



NACIONALNI LABORATORIJ ZA
ZDRAVJE, OKOLJE IN HRANO

Zaključek

- Zagotavljanje skladnosti materialov v stiku z živili je zahtevna naloga