

NIJZ

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

Legislation

[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

[Annex 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](#)

Legislation 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

Legislation on specific substances

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Uredba 1935/2004:

Člen 3

Splošne zahteve

Materiali in izdelki, vključno z aktivnimi in inteligentnimi materiali in izdelki, se proizvajajo v skladu z dobro proizvodno prakso, tako da v 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 izdelka **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
organopolisiloksani



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



Zaključek

- Zagotavljanje skladnosti materialov v stiku z živili je zahtevna naloga