

China Market Updates: New Substances and Materials Safe for Food Contact Use Approved by National Health Commission

The National Health Commission (NHC) of P.R. China announced another batch of new food ingredients, food additives, food contact materials and related products that been evaluated and approved in the notification in May 2023. This update lists six new food contact resins and additives.

1. New additives for food contact materials and products.

Substance	Scope of usage	Requirement(s)	Remark
Hexanedioic acid polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 4-tert-butylbenzoic acid; CAS No.: 74564-66-2	Paint and coating	Maximum amount of usage / %: • 0.5 (paint formulation) Specific migration limit / mg/kg: • Tris(hydroxymethyl)propane: 6	Paint and coating been added with this substance shall not produce materials and products especially used for infant's food. Such restrictive conditions shall be labelled according to GB 4806.1.

2. New resins for food contact materials and products.

Substance	Scope of usage	Requirement(s)	Remark
Tricyclodecanedimethanol polymer with terephthalic acid and 1,6-hexandiol CAS No.: -	Paint and coating	Maximum amount of usage / %: • 60 (paint formulation) Specific migration limit / mg/kg: • tricyclodecanedimethanol: 0.05 • expressed as terephthalic acid: 7.5 • 1,6-hexandiol: 0.05	Paint and coating made of this substance shall not produce materials and products especially used for infant's food. Such restrictive conditions shall be labelled according to GB 4806.1.
Fatty acids, C ₁₈ -unsatd., dimmers, hydrogenated polymers with 1,4-butanediol, ethylene glycol, terephthalic acid and trimethylolpropane, block CAS No.: -	Plastic	Specific migration limit / mg/kg: • expressed as dimmers of fatty acids, C ₁₈ -unsatd., hydrogenated and unhydrogenated fatty acids, unsatd.: 0.05 • expressed as terephthalic acid: 7.5 • expressed as 1,4-butanediol: 5 • expressed as ethylene glycol: 30 • Tris(hydroxymethyl)propane: 6	Plastic film made of this material shall not direct contact with food, its thickness shall not exceed 10 µm, maximum temperature shall not exceed 130°C, shall not produce materials and products especially used for infant's food. Such restrictive conditions shall be labelled according to GB 4806.1.
1,6-Hexanedioic acid, polymer with (E)-2-butenedioic acid and tricyclodecanedimethanol CAS No.: 58891-19-3	Paint and coating	Maximum amount of usage / %: • 18 (dry weight) Specific migration limit / mg/kg: • tricyclodecanedimethanol: 0.05	Maximum temperature of this paint and coating shall not exceed 121°C, shall not produce materials and products especially used for infant's food. Such restrictive conditions shall be labelled according to GB 4806.1.
Polymer of 1,4-butanediol, 2,2-dimethyl-1,3-propanediol, 1,4-cyclohexanedicarboxylic acid and m-phthalic acid CAS No.: -	Paint and coating	Maximum amount of usage / %: • 30 (dry weight) Specific migration limit / mg/kg: • expressed as 1,4-butanediol: 5 • 2, 2-dimethyl-1, 3-propanediol: 0.05 • 1,4-cyclohexanedicarboxylic acid: 5 • expressed as isophthalic acid: 5	Maximum temperature of this paint and coating shall not exceed 130°C. Such restrictive conditions shall be labelled according to GB 4806.1.
Polymer of butanediol-1,4, tricyclodecanedimethanol and dimethyl terephthalate CAS No.: 490017-22-6	Paint and coating	Maximum amount of usage / %: • 59 (paint formulation) Specific migration limit / mg/kg: • tricyclodecanedimethanol: 0.05 • expressed as terephthalic acid: 7.5 • expressed as 1,4-butanediol: 5	Maximum temperature of this paint and coating shall not exceed 121°C, shall not produce materials and products especially used for infant's food. Such restrictive conditions shall be labelled according to GB 4806.1.

Source: <http://www.nhc.gov.cn/sps/s7892/202305/3acc65a89f1a4a0887f5128a88ece288.shtml>

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