

List of approved in-can preservatives according to the requirements of the respective Basic Award Criteria

DE-UZ 12a	Low-emission and low-pollutant Varnishes
DE-UZ 113	Low-Emission Floor Covering Adhesives and other Installation Materials
DE-UZ 123	Low-Emission Sealants for Interior Use
DE-UZ 132	Low-Emission Thermal Insulation Material and Suspended Ceilings for Use in Buildings
DE-UZ 140	External Thermal Insulation Composite Systems
DE-UZ 198	Low-Emission Internal Plasters (only for Edition 2015)



Dated October 2018

1. Alternatively, the following active substances or active substance combinations may be used for in-can preservation:

Active Substance / Active Substance Combination	Content
a) Titanium dioxide/silver chloride	≤ 100 ppm in relation to silver chloride
b) 2-methyl-2H- isothiazol-3-one (MIT) / 1,2-benzisothiazol-3(2H)-one (BIT) in a ratio of 1:1	≤ 200 ppm
c) 5-chloro-2-methyl-4-isothiazolin-3-one (CIT) / 2-methyl-4-isothiazolin-3-one (MIT) in a ratio of 3:1	≤ 15 ppm
d) 3-iodo-2-propynyl butylcarbamate (IPBC)	≤ 80 ppm
e) 1,2- benzisothiazol-3(2H)-one (BIT)	≤ 200 ppm
f) 2-bromo-2-nitropropane-1,3-diol (BNPD)	≤ 200 ppm
g) BNPD ¹⁾ + CIT/MIT (3:1) ³⁾	≤ 130 ppm + ≤ 15 ppm
h) BNPD ¹⁾ + CIT/MIT (3:1) ³⁾	≤ 150 ppm + ≤ 10 ppm
i) BNPD ¹⁾ + CIT/MIT (3:1) ³⁾	≤ 170 ppm + ≤ 5 ppm
j) MIT/BIT ²⁾ (1:1) + CIT/MIT (3:1) ³⁾	≤ 150 ppm + ≤ 12,5 ppm
k) MIT/BIT ²⁾ (1:1) + CIT/MIT (3:1) ³⁾	≤ 125 ppm + ≤ 15 ppm
l) 1,2-dibromo-2,4-dicyanobutane (DBDCB)	≤ 500 ppm
m) BIT ⁴⁾ + CIT/MIT (3:1) ³⁾	≤ 150 ppm + ≤ 12,5 ppm
n) BNPD ¹⁾ + MIT/BIT ²⁾ (1:1)	≤ 120 ppm + ≤ 75 ppm
o) Zinc pyrithione (ZNP) + BIT ⁴⁾ 5)	≤ 100 ppm + ≤ 100 ppm
p) Zinc pyrithione (ZNP) + MIT/BIT ²⁾ (1:2 bis 2:1)	≤ 50 ppm + ≤ 150 ppm
q) BNPD ¹⁾ + BIT ²⁾	≤ 100 ppm + ≤ 100 ppm
r) Sodium pyrithione (NaP) + BIT ⁴⁾	≤ 50 ppm + ≤ 150 ppm
s) N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (CAS 2372-82-9) + MIT/BIT ²⁾ (1:1)	≤ 81 ppm + ≤ 150 ppm
t) MIT/BIT ²⁾ (1:1) + silver chloride	≤ 185 ppm + ≤ 15 ppm

¹⁾ BNPD = see f) ²⁾ MIT/BIT = see b) ³⁾ CIT/MIT (3:1) = see c) ⁴⁾ BIT = see e)

5) Zinc oxide up to maximal 500 ppm is additional permitted as technical adjuvant

2. Only those substances (active substances or biocidal products) may be used as preservatives for which an active substance dossier on the assessment as in-can preservatives (product type 6) has been submitted within the scope of the Biocidal Products Regulation ((EU) No 528/2012). If following the assessment an inclusion of the active substance in the Union List of approved active substances for product type 6 is denied the use of these substances shall no longer be permitted. This also applies to formaldehyde-releasing agents.

3. Inclusion of further substances

Additional preservatives may be used if a MAK value is available and/or sufficient data regarding inhalation toxicology, analytics of the pure active substance and, if applicable, data on relevant degradation products, isomers and impurities as well as other by-products of the active substance and /or sufficient examinations relating to the inhalative exposition are presented to the Federal Environmental Agency for evaluation and fixing of a maximum content.