



DECLARATION OF COMPLIANCE

01-07-2015

Inde Plastik Betriebsgesellschaft mbH

Industriestrasse 16

D-52457 Aldenhoven

Food Packaging of expanded Polystyrene

Article see attached

The above-mentioned article complies with EU regulation 10/2011 and EU regulation 1935/2004 as well as EU regulation 2023/2006 in their current versions.

The overall migration limit was determined according to EU regulation 10/2011 and is below the threshold limit value of 10 mg/dm².

The measurements were performed according to test codes EN 1186 as well as EN 13130 by an independent test institute.

The specific migration of styrol is below the threshold limit value of 10 mg/dm².

The specific migration of **bisphenol A** (2, 2-Bis (4-hydroxyphenyl) propane) is below the lower detection limit and thus lower than 0.1 mg/dm².

Heavy metal concentration was determined following migration in simulant 3 w/% acetic acid and 95%-ethanol and is below the lower detection limit:

barium, chrome, copper, mercury, lead, zinc, cobalt, iron, manganese and lithium

The article may come in contact with all foodstuffs including acidic and fatty ones as well as alcoholic beverages. The tests were performed with 95 % ethanol as well as 3 w/% acetic acid.

The maximum contact temperature is 90 °C and the maximum contact period at that temperature is 50 minutes!

Below 0°C the product may become brittle and could crack or break under load.

The article is not suitable for use in conventional stoves or micro-wave, infrared or multi-purpose ovens.

The article has no functional barrier.

Ratio of food contact surface area to volume used to determine the compliance of the article: surface to volume ratio = 6 dm²/kg food

Colour champagne: substances with specific migration limits and Dual Use - substances

Substance	Ref.- No°	CAS-No°	SML [mg/dm ²]	Dual-Use
2,4-Bis(octylthiomethyl)-6-methylphenol	40020	110553-27-0	0,8 (sum of group limitation 38940 + 40020)	No
2-Ethyl-1-hexanol	17050	104-76-7	6	No
Barium	none	none	0,17	No
Butadiene	13630	106-99-0	NN (1 mg/kg in final product)	No
Iron	none	None	8	No
Carbon black	42080	1333-86-4	None	No
n-Octylphosphon acid	68860	4724-48-5	0,008	No
Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	68320	2082-79-3	1	No
Phosphoric acid, Tris(nonyl-und/oder dinonyl)ester	74400	None	6	No
Stearic acid	24550	57-11-4	None	No
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	92560	38613-77-3	3	No
Zinc	none	none	4	No
Titanium dioxide [E171]	93440	13463-67-7	None	Yes

Colour white: substances with specific migration limits and Dual Use - substances

Substance	Ref.- No°	CAS-No°	SML [mg/dm2]	Dual-Use
2,4-Bis(octylthiomethyl)-6-methylphenol	40020	110553-27-0	0,8 (sum of group limitation 38940 + 40020)	No
2-Ethyl-1-hexanol	17050	104-76-7	6	No
Butadiene	13630	106-99-0	NN (1 mg/kg in final product)	No
Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionat	68320	2082-79-3	1	No
Stearic acid	89040	57-11-4	none	No
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	92560	38613-77-3	3	No
Zinc	None	None	4	No

Colour gold: substances with specific migration limits and Dual Use - substances

Substance	Ref.- No°	CAS-No°	SML [mg/dm2]	Dual-Use
Butadiene	13630	106-99-0	NN (1 mg/kg in final product)	no
2,4-Bis(octylthiomethyl)-6-methylphenol	40020	110553-27-0	0,8 (sum of group limitation 38940 + 40020)	No
2-Ethyl-1-hexanol	17050	104-76-7	6	No
Barium	None	none	0,17	No
Carbon black	42080	1333-86-4	None	No
Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionat	68320	2082-79-3	1	No
Phosphoric acid, Tris(nonyl-und/oder dinonyl)ester	74400	none	6	No
Stearic acid	89040	57-11-4	none	No
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	92560	38613-77-3	3	No
Zinc	None	None	4	No

Colour black : substances with specific migration limits and Dual Use - substances

Substance	Ref.- No°	CAS-No°	SML [mg/dm2]	Dual-Use
2,4-Bis(octylthiomethyl)-6-methylphenol	40020	110553-27-0	0,8 (sum of group limitation 38940 + 40020)	No
2-Ethyl-1-hexanol	17050	104-76-7	6	No
Butadiene	13630	106-99-0	NN (1 mg/kg in final product)	No
Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionat	68320	2082-79-3	1	No
Stearic acid	89040	57-11-4	none	No
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	92560	38613-77-3	3	No
Zinc	None	None	4	No

Colour green: substances with specific migration limits and Dual Use - substances

Substance	Ref- No°	CAS-No°	SML [mg/dm2]	Dual-Use
2,4-Bis(octylthiomethyl)-6-methylphenol	40020	110553-27-0	0,8 (sum of group limitation 38940 + 40020)	No
2-Ethyl-1-hexanol	17050	104-76-7	6	No
Butadiene	13630	106-99-0	NN (1 mg/kg in final product)	No
Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionat	68320	2082-79-3	1	No
Stearic acid	24550	57-11-4	None	No
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	92560	38613-77-3	3	No
Zinc	None	None	4	No

Colour yellow: substances with specific migration limits and Dual Use - substances

Substance	Ref- No°	CAS-No°	SML [mg/dm2]	Dual-Use
2,4-Bis(octylthiomethyl)-6-methylphenol	40020	110553-27-0	0,8 (sum of group limitation 38940 + 40020)	No
2-Ethyl-1-hexanol	17050	104-76-7	6	No
Butadiene	13630	106-99-0	NN (1 mg/kg in final product)	No
Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionat	68320	2082-79-3	1	No
Phosphoric acid, Tris(nonyl-und/oder dinonyl)ester	74400	None	6	No
Stearic acid	89040	57-11-4	None	No
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	92560	38613-77-3	3	No
Triethylenglykol-bis[3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionat]	94400	36443-68-2	1,5	No
Zinc	None	None	4	No
Silicon dioxide [E551]	86240	7631-86-9	None	Yes
Titanium dioxide [E171]	93440	13463-67-7	None	Yes

Colour blue: substances with specific migration limits and Dual Use - substances

Substance	Ref- No°	CAS-No°	SML [mg/dm2]	Dual-Use
2,4-Bis(octylthiomethyl)-6-methylphenol	40020	110553-27-0	0,8 (sum of group limitation 38940 + 40020)	No
2-Ethyl-1-hexanol	17050	104-76-7	6	No
Butadiene	13630	106-99-0	NN (1 mg/kg in final product)	No
Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionat	68320	2082-79-3	1	No
Stearic acid	24550	57-11-4	None	No
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	92560	38613-77-3	3	No
Zinc	None	None	4	No



