

12.02.2020

for the product group(s):

**ASB-Shrink Bags boilable (-unprinted-)  
-transparent-**

We confirm that the above mentioned plastic products comply with the following legal requirements or recommendations:

- Regulation (EC) 1935/2004, in particular Article 17 (traceability)
- Regulation (EC) 10/2011 including all current amendments/additions
- Regulation (EC) 2023/2006 (Good Manufacturing Practice-GMP)
- German Food and Feed Code (LFGB) §§30 and 31
- Packaging Ordinance
- Recommendations of the Federal Institute for Risk Assessment, BfR (e.g. III PE, X PA)
- Directive 94/62/EC, lastly amended by 2013/2/EC on 07.02.2013/US CONEG  
(Total concentration of heavy metals < 100 ppm)
  - FDA-Regulations, 21 CFR (transparent)
  - California Proposition 65

Application conditions:

- a) Kinds of food, which is to come into contact with the material:
  - All kinds of food
- b) Kinds of food, which is not to come into contact with the material:
  - ---
- c) Duration and temperature of treatment and storage in contact with the food:
  - Each storage period under cooling and freezing conditions
  - Any long term storage at room temperature or below, including heating up to 70°C for up to 2 hours, or heating up to 100°C for up to 15 minutes.
  - Any contact conditions that include heating up to 70°C for up to 2 hours, or up to 100°C for up to 15 minutes, which are not followed by long term room or refrigerated temperature storage.
  - High temperature applications for all food simulants at temperature up to 100°C.
  - High temperature applications up to 121°C.

Conformity has been established by:

- Supplier Confirmations

Migration limits are respected under the following test conditions (6 dm<sup>2</sup> film/1 kg food)

Test	Simulant	Test conditions
Global Migration (OML)	10% Ethanol; 3 % acetic acid, vegetable oil	2h/100°C

List of substances with specific migration limits (SML) and maximum residue levels (QM) and list of additives with limits in food ("dual use Additives"):

<b>SML</b>			
<b>Stoff</b>	<b>FCM-No.</b>	<b>CAS</b>	<b>SML(mg/kg)</b>
N,N-bis(2-hydroxyethyl)alkyl(C8-C18)amine	19	--	1,2
N,N-bis(2-hydroxyethyl)alkyl(C8-C18)amine hydrochlorides	20	--	1,2
phosphorous acid, tris(nonyl-and/or dinonylphenyl)ester	69	--	30
Vinyliden fluoride	132	75-38-7	5
propylene oxide	135	75-56-9	0
acetic acid, vinyl ester	231	108-05-4	12
maleic anhydride	234	108-31-6	30
1-Octene	264	111-66-0	15
hexafluoropropylene	282	116-15-4	N.N. (NG=0,01)
2,6-di-tert-butyl-p-cresol	315	128-37-0	3
1-hexene	356	592-41-6	3
zinc oxide	402	1314-13-2	5
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	433	2082-79-3	6
boric acid	584	10043-35-3	6
2,4-di-tert-butylphenyl)ester	671	31570-04-4	60
3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid, monoethyl ester, calcium salt	715	65140-91-2	6
zinc salts	10012		5
2,4-di-tert-butylphenol*	13001	96-76-4	--
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione*	13004	82304-66-3	--
<b>Additive (dual use)</b>			
<b>Stoff</b>		<b>CAS</b>	<b>E-Nr.</b>
fatty acids		--	570
sodium acetates		--	262
magnesium salts of fatty acids		--	470b
calcium stearate		1592-23-0	470a
calcium carbonate		471-34-1	170
Talc		14807-96-6	553b
boric acid		10043-35-3	284
silicon dioxide		7631-86-9	551
2,6-di-tert-butyl-p-cresol		127-37-0	321
citric acid		77-92-9	330
acetic acid		64-19-7	260

\*According to our supplier these substances are not intentionally added (NIAS), but may be present in the raw material. We did not test on these substances

The information on the substances with SML and on additives, which are also food additives and flavorings ("Dual Use Additives"), are based on information from our suppliers and represent our current state of knowledge.

**Allergens/GMO**

For the used spray powder (releasing agent) appropriate food legislation confirmations are given. Genetically modified organisms (GMO) and allergenic substances are not used in the manufacture of our products.

**Constituents of animal origin**

Neither in the production of basic tubular films used by us nor in the production of our PA/PE side seal bags constituents of animal origin are used (neither as additives nor as formulation constituents) The bags are, therefore, also not assayed for the presence of these ingredients.

**Epoxy derivatives/Plasticizers/Other chemical substances/Metals/PAA**

Our bags do not contain

- Plasticizers based on phthalates and/or adipates such as DEHP or DEHA, bisphenols such as BPA or BPS or polychlorinated biphenyls (PCBs)
- BADGE, BFDGE, NOGE acc. Regulation (EC) 1895/2005
- Photoinitiators (benzophenone, ITX etc.)
- Latexes, silicones, silicates

Our bags comply with the restrictions listed in Annex II of Regulation (EC) 10/2011 for metals and primary aromatic amines (PAA), including amendments and supplements pursuant to (EC) 2016/1416.

**NIAS (not intentionally added substances)**

According to a risk assessment Article 19 of Regulation (EC) 10/2011 migration testings (10ppb screening) or assessments are carried out.

**Recyclates**

Recyclates acc. Regulation (EC) 282/2008 are not used.

**REACH/SVHC**

Substances of very high concern (SVHC) acc. Regulation (EC) 1907/2006 (REACH Regulation) in the current version are not included.

**Adhesives/Solvent**

In our products adhesives and/or solvents are not used.

Regulation (EC) 10/2011 provides guidelines for selecting the applicable test conditions for different foods. Subsequently the products mentioned above comply with the provisions of this Regulation for the packaging of the products with observance of the specified food-contact conditions. Beyond Regulation (EC) 10/2011 the user of our films should satisfy himself as to the suitability of our products for the intended application. Therefor we can assume no liability for damages caused by a lack of suitability of our products for the used filling goods.

We pursue new releases and changes in all relevant laws and regulations that are related to the production and use of our products and adapt our documents automatically accordingly for the information of our customers.

Our company is certified to the BRC Global Standard for Packaging and Packaging Materials.

allfo Vakuumverpackungen Hans Bresele KG  
-Quality Management-



i.A. Dieter Öfner