



Certificate of Conformity

Berry Plastics GmbH, Goethestr. 61, 68753 Waghäusel, Germany delivers the following products/materials to you:

SMM 15-24, A15-A24 / PVC stretch film for food packaging

These product complies with the following recommendations, directives and regulation:

1. Generally:

- EU-Regulation 1935/2004
- EU Regulation 10/2011 and the subsequent amendments
- LFGB §§ 30 and 31(Germany)
- EU Regulation 2023/2006 for GMP

2. Raw materials / composition

EU-Regulations:

- Regulation (EU) 10/2011 and the subsequent amendments.

German Regulations:

- Bedarfsgegenständeverordnung dated 10.04.1992 and the subsequent amendments

3. Conditions of use

- SMM 15-24, A15-A24 can only be used to wrap foodstuffs such as meat(fresh and processed), game, poultry, fish, cheese, sandwiches, fruit and vegetable.
- Max. contact time: Maximum 30 days at room temperature and any long term storage at refrigerated or frozen conditions, including when packed under hot-fill conditions, and/or heating up to 70 °C for up to 2 hours, or heating up to 100 °C for up to 15 minutes.

NOT suitable for:

- alcoholic foods or foods that consist exclusively of fats or are preserved in oily or alcoholic media
- Use in conventional and microwave stoves

4. Migration Limits

- OML: The global migration value is lower than the admitted threshold value(for the above mentioned conditions of use).
The tests are performed according to Art. 17 and 18 of Regulation (EU) No. 10/2011 in conjunction with Annex V.
- The migration was determined into 3% acetic acid, 10% ethanol and sunflower oil (10d/40°C) and into Tenax® (10d/40°C). After the contact time according to EN 1186-1, the overall migration was determined by standard EN 1186-2 and EN 1186-3, the specific migration of DEHA according to LNE method by GC/MS. For the calculation of the result of overall migration, 1dm² of material was considered to be 1dm² surface in contact with the simulatant. For the calculation of specific migration of DEHA, the area ratio of material / weight of food is 6 dm²/kg.
- The following substances with SML are in use and their value is lower than the admitted threshold value(for the above mentioned conditions of use):

Description	Limit (SML)
Bis(2-ethylhexyl)adipat(DEHA), FCM-Nr. 207	18 mg/kg
1,2-Cyclohexandicarbonsäure, diisononylester(DINCH), FCM-Nr. 775	60 mg/kg
Epoxidiertes Sojabohnenöl(ESBO), FCM-Nr. 532	60 mg/kg
Di-2-ethylhexyl terephthalate(DEHT), FCM-Nr. 798	60 mg/kg
Polyadipat, FCM-Nr.: 73	30 mg/kg
Salts (including double salts and acid salts) of zinc of authorised acids, phenols or alcohols	5 mg/kg (expressed as Zn)
May contain traces of the following substances, which are not part of the formulation used in the manufacturing process of this product:	
Vinyl chloride FCM-Nr. 127	1 mg/kg in finished goods
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate FCM-Nr. 433	6mg/kg
Triethyleneglycol bis[3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate] FCM-Nr. 680	9mg/kg

BERRY PLASTICS GMBH

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Poly(1-hydroxynaphthylmethane) FCM-Nr. 640	0,05 mg/kg
Vinylacetate FCM-Nr. 231	12 mg/kg
Isododecane CAS-Nr. 93685-81-5	5 mg/kg for BfR

5. Functional Barrier

- No functional barrier is used in SMM 15-24, A15-A24

6. Further Conformities

- SMM 15-24, A15-A24 contains less total and specific heavy metals according to EU Packaging Directive 94/62/EC and Regulation (EU) No. 10/2011 Annex II.
- SMM 15-24, A15-A24 contains less Primary aromatic amines (single sub-stances) according to Regulation (EU) No. 10/2011 and listed in Appendix 8 of Regulation (EC) No. 1907/2006 and contains less Primary aromatic amines calculated as aniline hydrochloride according to Regulation (EU) No. 10/2011.
- The traceability is obtained through suitable informations on the labels(core, box and pallet).
- Substances of very high concern (SVHC) are not part of this/these product(s) or are not contained above the 0.1% threshold specified in REACH.
- During the manufacture and use of our materials, unintentional substance inputs (e.g. through reaction and degradation products), the so-called Not Intentionally Added Substances, or NIAS for short, could occur. According to Art. 19 of Regulation (EU) No. 10/2011, the obligation regarding the risk assessment of NIAS is specified. However, most of the NIAS are evaluated substances for which toxicological data are already available. The analysis results on GC-MS with selected samples are included in the risk assessment for non-assessed substances. The assessment is carried out using the "Threshold of Toxicological Concern" (TTC) concept, taking into account the actual exposure. It can be assumed that the end products meet the requirements of Art. 3 of the Framework Regulation (EC) No. 1935/2004.
- According to Annex II of EU-Regulation No. 1169/2011, no allergens or raw materials containing allergens are part of the formulation of this product. Allergen management was implemented as part of Berry Plastics GmbH's HACCP plan.

7. "Dual Use" Additives

The following „dual use“ additives are used:

- E 470 a: Calcium salt of fatty acids = Ca-stearate (Ref. Nr. 24550), no SML
- E 570: Fatty acids = Stearic acid (Ref. Nr. 24550), no SML
- E 339: disodiumphosphate, no SML
- E 495: sorbitan monopalmitate, no SML
- E 464: hydroxypropylmethylcellulose, no SML
- E 260: acetic acid, no SML
- E 524: Sodium hydroxide, no SML

8. Summary:

There is no objection against the use of the product according to EU Regulation (EC) 1935/2004, 10/2011 and §§ 30 and 31 of LFGB.

This certificate applies to the above mentioned product. The Regulation (EU) 10/2011 provides guidelines for choosing the suitable testing conditions for different foodstuffs. According to these Directives the above mentioned products can be used to wrap the mentioned foodstuffs in consideration of the contact conditions with the foodstuffs. The enduser needs to assess the product's suitability if the use of the product exceeds the guidelines of these Directives.

It is to refer specially for printing purpose, that no contact should occur .between the printing ink and the foodstuff.

Philippsburg, 21.10.2024

by proxy
Stefan Beyerle
Quality and R&D Manager

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Migraatiotesti koskee seuraavia Ki-Sal Oy:n maahantuomia ja myymiä tuotteita:

Ki-Sal tuotekoodi	Tuotekuvaus ja toimittajan tuotenumero
PL450SM24	Lihakalvo, 450mm/1000m, pieni hylsy, 19814
PL400SM24	Lihakalvo, 400mm/1000m, pieni hylsy, 19813
PL380SM24	Lihakalvo, 380mm/1200m, pieni hylsy, 19812
PL350SM24	Lihakalvo, 350mm/1500m, pieni hylsy, 17275