

silver plastics® GmbH & Co. KG  
 Godesberger Strasse 9  
 D-53842 Troisdorf

## Declaration of Compliance

We are supplying you with the following material / product:

**PS-trays:** Vampirella  
**PS-sheet:** MAPpp®  
**material:** polystyrene, open-cell

This product complies with the following legal requirements:

### 1. Generally

- EU-Framework Regulation on materials and articles intended for food contact: (EC) No 1935/2004
- (the german) Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch: LFGB §§ 30 and 31
- Regulation (EC) No 2023/2006 of Dec., 22<sup>nd</sup> 2006 on good manufacturing practice (GMP)

### 2. Raw Materials / Composition

- Regulation (EC) No 10/2011 and following amendments (incl. Regulation (EU) No 2019/1338)
- (the german) Bedarfsgegenständeverordnung dated from April, 10<sup>th</sup> 1992 and following amendments

### 3. Conditions of use / Compliance with threshold values

a) Specification of the intended use:

The above mentioned product fulfils the requirements for:

- dry food (acc. 85/572/EC; replaced by Regulation (EU) No 10/2011)
- aqueous food (solvent: 10% ethanol)
- acid food (solvent: 3% acetic acid)
- fatty food (solvent: Isooctane, 95% ethanol)

that means for filling goods like fresh meat, poultry, fish or cheese:

- at temperatures up to 20°C with a storage time ≤30days; or
- at frozen condition with a storage time >30days (long term storage).

b) The analysis of the total migration was carried out in consideration of the „Methoden zur Untersuchung von Bedarfsgegenständen“ according to the requirements B 80.30, 1 and 3 (EC) and the „Amtlichen Sammlung von Untersuchungsverfahren“ according § 64 LFGB and the requirements of the norm-series EN 1186, EN 13130 and prCEN/TS 14234 „Werkstoffe und Gegenstände in Kontakt mit Lebensmitteln – Kunststoffe“.

substitute solvent:	contact-time / -temperature:
10 % ethanol/water	10 days / 20°C
3 % acetic acid	10 days / 20°C
95 % ethanol	10 days / 20°C
Isooctane	24 hrs/ 20°C

The critical value for the total migration measures 10mg/dm<sup>2</sup> per object resp. 60mg/kg foodstuff (substitute solvent) according to Regulation (EC) No 10/2011.

The observance of the global migration values according to the requirements of Directives 82/711/EEC and 85/572/EEC, replaced by regulation (EU) No 10/2011 and amendments produces values below the admitted threshold values (for the abovementioned conditions of use).

The highest ratio of the area of the food contact material to the volume used to determine the compliance of the plastic food contact material or article measured approx. 310cm<sup>2</sup>/200cm<sup>3</sup>.

c) Information about restricted substances and / or specifications

According to the declarations of the raw-material suppliers above mentioned products may contain substances with an SML-restriction defined in Regulation (EC) No 10/2011.

Substance:	FCM -Nr.	PM Ref.-Nr.	CAS-No	SML:	//product group//	Schwarz/black	Weiß/white	Silber/silver	Blau/blue	Grün/green	Gelb/yellow	braun/beige-brown/beige	Rot/red	Gold/gold
Stearinsäure/stearic acid	106	24550/89040	0000057-11-4	5 mg/kg	x	x	x	x	x	x	x	x	x	x
Zink (vergl VO 10/2011 Anhang II)			CAS 557-05-1	5 mg/kg	x	x	x	x	x	x	x	x	x	x
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	688	92560	0038613-77-3	18 mg/kg	x	x	x	x	x	x	x	x	x	x
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	433	68320	0002082-79-3	6mg/kg	x	x	x	x	x	x	x	x	x	x
Butadiene	223	13630	0000106-99-0	n.d.<0,01 mg/kg	x	x	x	x	x	x	x	x	x	x
2,4-bis(octylthiomethyl)-6-methylphenol	756	40020	0110553-27-0	5 mg/kg	x	x	x	x	x	x	x	x	x	x
alkyl(C8-C22)sulphonic acids	16	34230	/	6mg/kg	x	x	x	x	x	x	x	x	x	x
dodecylbenzenesulphonic acid	658	52000	027176-87-0	30mg/kg	x									
oxidierte Polyethylenwachse	811	80077	0068441-17-8	60 mg/kg						x				
Kupfer (vergl VO 10/2011 Anhang II)				5mg/kg						x				
Triethyleneglycol bis[3-(3-tert-butyl-4-hydroxy-5-methylphenyl) propionate]	680	94400	0036443-68-2	9 mg/kg							x			
Barium (vergl VO 10/2011 Anhang II)				1mg/kg								x	x	
Iron				48 mg/kg										x
Tris(nonylphenyl) phosphate	69	74400		30 mg/kg										x

The compliance of the limits is confirmed for the stated types of food-simulants and conditions of application.

d) silver plastics does not add Dual Use Additives to its formulations, which have acc. Regulation (EC) No 10/2011 a restriction in foodstuff.

Netherlands according to the information of our raw-material suppliers, the raw materials of a.m. products may contain the following Dual Use Additives.

Substance:	FCM-Nr.	PM Ref.-Nr.	CAS-No	SML:	//product group//	Schwarz/black	Weiß/white	Silber/silver	Blau/blue	Grün/green	Gelb/yellow	braun/beige-braun/beige	Rot/red	Gold/gold
Ester von Glycerin mit Stearinsäure (E471)	53	56585	/	60 mg/kg	x	x	x	x	x	x	x	x	x	x
Talkum (E553b)	615	92080	/	60 mg/kg	x	x	x	x	x	x	x	x	x	x
Monocarbonsäuren E471)	9	30610	/	60 mg/kg	x	x	x	x	x	x	x	x	x	x
silicon dioxide	504	86240	0007631-86-9		x	x	x	x	x	x	x	x	x	x
Stearinsäure	106	24550/89040	0000057-11-4						x					
Calciumstearat (E470a)	/	/	/				x			x		x		
Titandioxid (E171)	610	93440	0013463-67-7	(qs)			x	x						

#### 4. Further Declarations of Conformity

The requirements of the European (packaging-) Directive 94/62/EC (dated from December 20<sup>th</sup>, 1994; including further amendments) regarding heavy metals are fulfilled.

#### 5. Conclusion

In terms of EU-framework Directive (EC) No 1935/2004 and §§ 30 and 31 LFGB, published in the Bundesgesetzblatt (Federal Law Gazette) No 55 of 6.09.2005 there are no objections against the use of the product for the manufacture of articles intended for food contact.

This declaration is valid for the product delivered by us as specified above. The Regulation (EU) No. 10/2011 (which replaces directives 82/711/EEC and 85/572/EEC) provides guidelines for the selection of test conditions to be used for various food products. According to that and under consideration of the food contact conditions stated, the product complies with the stipulations of these Regulations regarding the packaging of food products to be packed. The user shall verify himself that the product is suitable for the intended food to be packed beyond the stipulations of the Directives.

#### 6. Further Information

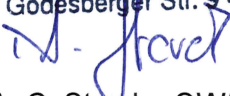
All previous Declarations of Compliance with relation to the above mentioned products are hereby invalid.

In case of relevant changes in the characteristics of the product or in case of new relevant scientific findings silver plastics will renew this declaration.

This declaration is valid until 31<sup>st</sup> of December 2022.

Troisdorf, Sept 1<sup>st</sup> 2020

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i.A. C. Storck - QW/AS -