

FOOD CONTACT

BYK Regulatory Information

OPTIGEL-CK

Rheology additive based on an activated phyllosilicate for aqueous systems to generate thixotropic flow behaviour.

Summary

OPTIGEL-CK is suitable according to the following compositional provisions for food contact applications, as indicated:

Coatings		
EU	Suitable for food contact coatings	Yes
	Regulation (EU) No. 10/2011	Yes
	German BfR XIV 'Polymer Dispersions'	Yes
	CoE ResAP (2004) 1	Yes
USA	21 CFR 175.300 'Resinous and polymeric coatings'	Yes
China	GB9685-2016, table A.2 'Coatings'	Yes
Adhesives		
EU	Suitable for food contact adhesives	Yes
	Regulation (EU) No. 10/2011	Yes
USA	21 CFR 175.105 'Adhesives'	Yes
China	GB9685-2016, A.5 'Adhesives'	Yes
Plastics		
EU	Suitable for food contact plastics	Yes
	Regulation (EU) No. 10/2011	Yes
USA	21 CFR 177.1520 'Olefin polymers'	Yes
China	GB9685-2016, A.1 'Plastics'	Yes

This summary only reflects conducted evaluations on existing regulations. It does not exclude compliant use in additional regions or applications. Explanations below show details on considered regulations and evaluations.

Explanation

Coatings	
EU	<p><u>Regulation (EU) No. 10/2011</u></p> <p>All components of this product are directly listed in Annex I – Table I of Regulation (EU) No. 10/2011 (including all amendments). The product does not contain dual use additives or volatile solvents by purpose.</p>

German BfR XIV 'Polymer Dispersions'

All components of this product are covered by the compositional requirements of the German BfR-Recommendation XIV 'Polymer Dispersions'.

CoE ResAP (2004) 1

The components are listed in the CEPE 'Code of practice for food contact coatings', Edition 4, Version Feb. 2009.

Therefore, the product can be recommended for use in food contact coatings in the EU.

USA **21 CFR 175.300 'Resinous and polymeric coatings'**

The product complies with the compositional requirements of 21 CFR 175.300.

Therefore, the product can be recommended in applications described in 21 CFR 175.300.

China **GB9685-2016, table A.2 'Coatings'**

The active components are listed in GB9685-2016 A.2 for coating applications.

Therefore, the product can be recommended for use in food contact coatings in China.

Adhesives

EU **Regulation (EU) No. 10/2011**

All components of this product are directly listed in Annex I – Table I of Regulation (EU) No. 10/2011 (including all amendments). The product does not contain dual use additives or volatile solvents by purpose.

Therefore, the product can be recommended for use in food contact adhesives in the EU.

USA **21 CFR 175.105 'Adhesives'**

The product complies with the compositional requirements of 21 CFR 175.105.

Therefore, the product can be recommended in applications described in 21 CFR 175.105.

China **GB9685-2016, table A.5 'Adhesives'**

The active components are listed in GB9685-2016 A.5 for adhesive applications.

Therefore, the product can be recommended for use in food contact adhesives in China.

Plastics

EU **Regulation (EU) No. 10/2011**

All components of this product are directly listed in Annex I – Table I of Regulation (EU) No. 10/2011 (including all amendments). The product does not contain dual use additives or volatile solvents by purpose.

Therefore, the product can be recommended for use in food contact plastics in the EU.

USA **21 CFR 177.1520 'Olefin polymers'**

The product complies with the compositional requirements of 21 CFR 177.1520.

Therefore, the product can be recommended in applications described in 21 CFR 177.1520.

China **GB9685-2016, table A.1 'Plastics'**

The active components are listed in GB9685-2016 A.1 for plastic applications.

Therefore, the product can be recommended for use in food contact plastics in China.

General Remarks

Regulations apply within the context of respective regional framework regulations, e.g. Regulation (EU) No. 1935/2004 and FDA 21 CFR 174.5. Since traces of unknown processing aids cannot be fully excluded, compliance with general requirements is the responsibility of the end user.

BYK reserves the right to change or update the information without notice. At most, this letter deems to be actual for three years commencing the date of issue.

Food Contact Team
Regulatory Affairs
BYK-Chemie GmbH

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This issue replaces all previous versions

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