

FOOD CONTACT

BYK Regulatory Information

CLOISITE NA+

Natural bentonite for plastics and rubber to improve various physical properties, such as reinforcement, CLTE, synergistic flame retardant and barrier.

Summary

CLOISITE NA+ is suitable according to the following compositional provisions for food contact applications, as indicated:

Coatings		
	Suitable for food contact coatings	Yes
EU	Regulation (EU) No. 10/2011	Yes
	German BfR XIV 'Polymer Dispersions'	Yes
USA	21 CFR 175.300 'Resinous and polymeric coatings'	Yes
China	GB9685-2016, table A.2 'Coatings'	Yes
Adhesives		
	Suitable for food contact adhesives	Yes
EU	Regulation (EU) No. 10/2011	Yes
	German BfR XIV 'Polymer Dispersions'	Yes
	German BfR XXXVI 'Paper and board in contact with food'	Yes
USA	21 CFR 175.105 'Adhesives'	Yes
China	GB9685-2016, table A.5 'Adhesives'	Yes
Paper and paperboard		
	Suitable for food contact paper and paperboard	Yes
EU	Regulation (EU) No. 10/2011	Yes
	German BfR XXXVI 'Paper and board for food contact'	Yes
USA	21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'	Yes
	21 CFR 176.180 'Components of paper and paperboard in contact with dry food'	Yes
China	GB9685-2016, table A.6 'Paper'	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, table A.1 'Plastics'	Yes
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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

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).

German BfR XIV ‘Polymer Dispersions’

The product is covered by the compositional requirements of BfR XIV ‘Polymer Dispersions’.

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 for use in food contact coatings, in regards to 21 CFR FDA Sec. 175.300.

China

GB9685-2016, table A.2 ‘Coatings’

The product complies with table A.2 ‘Coatings’ of the National Food Safety Standard of the People’s Republic of China, Standard for Uses of Additives in Food Contact Materials and Articles (GB9685-2016).

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).

German BfR XIV ‘Polymer Dispersions’

The product is covered by the compositional requirements of BfR XIV ‘Polymer Dispersions’.

German BfR XXXVI ‘Paper and board for food contact’

The product is covered by the compositional requirements of BfR XXXVI ‘Paper and board for food contact’.

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 FDA Sec 175.105.

Therefore, the product can be recommended for use in food contact adhesives, in regards to 21 CFR FDA Sec. 175.105.

China **GB9685-2016, table A.5 ‘Adhesives’**

The product complies with table A.5 ‘Adhesives’ of the National Food Safety Standard of the People’s Republic of China, Standard for Uses of Additives in Food Contact Materials and Articles (GB9685-2016).

Paper and paperboard

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).

German BfR XXXVI ‘Paper and board for food contact’

The product is covered by the compositional requirements of BfR XXXVI ‘Paper and board for food contact’.

Therefore, the product can be recommended for use in food contact paper and paperboard in the EU.

USA **21 CFR 176.170 ‘Components of paper and paperboard in contact with aqueous and fatty foods’**

The product complies with the compositional requirements for colorants of 21 CFR 176.170.

21 CFR 176.180 ‘Components of paper and paperboard in contact with dry food’

The product complies with the compositional requirements for colorants of 21 CFR 176.180.

China **GB9685-2016, table A.6 ‘Paper’**

The product complies with table A.6 ‘Paper’ of the National Food Safety Standard of the People’s Republic of China, Standard for Uses of Additives in Food Contact Materials and Articles, GB9685-2016.

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).

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 FDA 21 CFR 177.1520 'Olefin polymers' Regulations for indirect food additives.

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

The product complies with table A.1 'Plastics' of the National Food Safety Standard of the People's Republic of China, Standard for Uses of Additives in Food Contact Materials and Articles (GB9685-2016).

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.

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