

COATING ADDITIVES PRODUCTS – FOOD CONTACT REGULATORY INFORMATION

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Product	In compliance with Swiss Ordinance - Annex 10 1 st December 2019	In compliance with PIM EU 10/2011	In compliance with German BfR XXXVI	In compliance with German BfR XIV	FDA Compliance ⁽⁴⁾ 21 CFR 175.105	FDA Compliance ⁽⁴⁾ 21 CFR 175.300	FDA Compliance ⁽⁴⁾ 21 CFR 176.170	FDA Compliance ⁽⁴⁾ 21 CFR 176.180	China GB9685 – 2016 Compliance ⁽⁵⁾	In compliance with EuPIA- Exclusion List ⁽⁶⁾ 3 rd edition, November 2016
ADDID® 900	B ⁽¹⁾	no	no	no	yes*	yes*	no	no	no	yes
AIRASE® 4500	A	yes		yes	yes	yes	yes	yes	no	yes
AIRASE® 4655	A	yes	yes		yes	yes	yes	yes	yes	yes
AIRASE® 5355	A	no	no		yes	no	yes	yes	yes	yes
AIRASE® 5655	A	no	no		yes	no	yes	yes	yes	yes
CARBOWET® 109	A ⁽¹⁾	yes	yes		yes	no	yes	yes	yes	yes
DYNOL™ 360	B ⁽¹⁾	no	no		yes**	no	no	no	no	yes
DYNOL™ 810	A+B ⁽¹⁾	no		no	yes**	no	no	no	no	yes
DYNOL™ 960	B ⁽¹⁾	no	no		yes**	no	no	no	no	yes
LIPOTIN® DB	A	yes*		yes	yes*	yes*	yes*	yes*	yes	yes
NANOCRYL® C 150	A+B ⁽¹⁾	no		no	no	no	no	no	no	yes*
SILIKOFTAL® HTF MPA/MBA	no	no		no	no	yes*	no	no	no	yes*
SILIKOFTAL® HTL 1	no	no		no	no	yes*	no	no	yes*	yes*
SILIKOFTAL® HTL 2/MPA	no	no		no	yes*	yes*	no	no	yes*	yes
SILIKOFTAL® HTL 3	no	no		no	no	yes*	no	no	yes*	yes*
SILIKOFTAL® HTT	no	no		no	no	yes*	no	no	no	yes
SILIKOFTAL® HTW 3	no	no		no	no	yes*	no	no	yes*	yes*

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SILIKOFTAL® non-stick 60	no	no		no	no	yes*	no	no	no	yes
SURFYNOL® AD 01	B ⁽¹⁾	no	no		yes**	no	no	no	no	yes
SURFYNOL® SE-F	A ⁽¹⁾	no	no		yes	yes	yes	yes	yes	yes
SURFYNOL® 104	A ⁽¹⁾	no	yes		yes	yes***	no	no	yes	yes
SURFYNOL® 104 PA	A ⁽¹⁾	no	yes		yes	yes***	no	no	yes	yes
SURFYNOL® 104 PG 50	A ⁽¹⁾	no	yes		yes	yes***	no	no	yes	yes
SURFYNOL® 104 Z	A ⁽¹⁾	no	no	no	yes	yes***	no	no	yes	yes
SURFYNOL® 107 L	A+B ⁽¹⁾	no	no	no	yes**	no	no	no	no	yes
SURFYNOL® 355	A ⁽¹⁾	yes ⁽²⁾	yes ⁽²⁾		yes	no	yes	yes	yes	yes
SURFYNOL® 420	A ⁽¹⁾	no		no	yes	yes	yes	yes	yes	yes
SURFYNOL® 440	A ⁽¹⁾	no	no		yes	yes	yes	yes	yes	yes
SURFYNOL® 465	A ⁽¹⁾	no		no	yes	yes	yes	yes	yes	yes
TEGO® Airex 900	B ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® Airex 920	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Airex 921	A ⁽¹⁾	no		no	yes*	yes*	no	no	no	yes
TEGO® Airex 931	A+B ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® Dispers 655	B ⁽¹⁾	no		no	no	no	no	no	no	yes

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TEGO® Dispers 670	A+B ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® Dispers 685	B ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® Dispers 689	A ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® Dispers 690	A ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Dispers 740 W	A ⁽¹⁾	yes	yes	yes	yes*	yes*	yes*	yes*	yes	yes
TEGO® Dispers 750 W	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Dispers 755 W	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Dispers 761 W	A ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Dispers 1010	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	yes*	yes*	yes*	yes*	yes	yes
TEGO® Flow 300	A+B ⁽¹⁾	no		no	no	yes*	no	no	no	yes
TEGO® Foamex 815 N	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Foamex 825	A+B ⁽¹⁾	no		yes ⁽³⁾	yes*	yes*	yes*	yes*	no	yes
TEGO® Foamex 830	A ⁽¹⁾	no	yes ⁽³⁾	yes ⁽³⁾	no	no	no	no	no	yes
TEGO® Foamex 832	A ⁽¹⁾	no		on request	no	no	no	no	no	yes
TEGO® Foamex 833	A	yes		yes	yes*	yes*	yes*	yes*	yes	yes
TEGO® Foamex 840	A ⁽¹⁾	no		no	yes*	no	yes*	yes*	no	yes
TEGO® Foamex 844	A	yes		yes	yes*	yes*	yes*	yes*	yes	yes

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TEGO® Foamex 852	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	yes*	yes*	yes*	yes*	yes	yes
TEGO® Foamex 1488	A ⁽¹⁾	on request ⁽²⁾		yes	yes*	yes*	yes*	yes*	no	yes
TEGO® Foamex 3062	A+B ⁽¹⁾	on request ⁽²⁾		on request	yes*	yes*	yes*	yes*	no	yes
TEGO® Foamex N	A	yes		yes	yes*	yes*	yes*	yes*	yes	yes
TEGO® Glide A 116	A	yes		yes	yes*	no	yes*	yes*	yes	yes
TEGO® Glide 100	on request	yes		yes	yes*	yes*	yes*	yes*	yes	yes
TEGO® Glide 410	A ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Glide 432	A ⁽¹⁾	no		no	yes*	no	yes*	yes*	no	yes
TEGO® Glide 435	A	yes		yes	yes*	no	yes*	yes*	yes	yes
TEGO® Glide 450	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	yes*	no	yes*	yes*	yes	yes
TEGO® Glide 492	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Glide 494	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	yes*	yes*	yes*	yes*	no	yes
TEGO® Glide 496	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	yes*	yes*	yes*	yes*	yes	yes
TEGO® Rad 2100	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Rad 2200 N	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Rad 2250	A+B ⁽¹⁾	no		no	yes*	no	no	no	no	yes
TEGO® Rad 2300	B ⁽¹⁾	no		no	yes*	no	no	no	no	yes

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TEGO® Rad 2500	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Rad 2650	A+B ⁽¹⁾	no		no	yes*	yes*	yes*	yes*	no	yes
TEGO® Rad 2700	A+B ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® Twin 4100	A+B ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® AddBond DS 1300	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	yes*	yes*	no	no	no	yes
TEGO® AddBond LTH	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	yes*	yes*	no	no	no	yes
TEGO® AddBond LTW	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	no	yes*	no	no	no	yes
TEGO® AddBond LTW-B	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	no	yes*	no	no	no	yes
TEGO® VariPlus 1201 TF	A+B ⁽¹⁾	no		no	yes*	no	no	no	no	yes*
TEGO® VariPlus AP	A+B ⁽¹⁾	no		no	yes*	no	no	no	no	yes
TEGO® VariPlus CA	A+B ⁽¹⁾	no		no	yes*	yes*	no	no	no	yes
TEGO® VariPlus DS 50	A+B ⁽¹⁾	no		no	yes*	no	no	no	no	yes
TEGO® VariPlus SK	A+B ⁽¹⁾	no		no	yes*	no	no	no	no	yes*
TEGO® ViscoPlus 3000	A+B ⁽¹⁾	no		no	yes*	no	no	no	no	yes
TEGO® ViscoPlus 3010	A+B ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® ViscoPlus 3030	A+B ⁽¹⁾	no		no	no	no	no	no	no	yes
TEGO® Wet 240	A+B ⁽¹⁾	no		no	yes*	no	no	no	no	yes

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TEGO® Wet 270	A ⁽¹⁾	no		yes ⁽³⁾	yes*	no	no	no	yes	yes
TEGO® Wet 280	A ⁽¹⁾	no		yes ⁽³⁾	yes*	no	no	no	yes	yes
TEGO® Wet 550	A ⁽¹⁾	no		yes ⁽³⁾	yes*	yes*	yes*	yes*	no	yes
ZETASPERSE® 179	A ⁽¹⁾	yes	yes ⁽³⁾		yes**	no	yes	yes	yes	yes
ZETASPERSE® 182	A ⁽¹⁾	yes ⁽²⁾		yes ⁽³⁾	yes**	no	yes	yes	yes	yes
ZETASPERSE® 3100	A+B ⁽¹⁾	no	no		yes**	no	no	no	no	yes
ZETASPERSE® 3800	A+B ⁽¹⁾	no	no		yes**	no	no	no	no	yes

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- (1) **A** or **B** = contains SML substances (**A**) or a Migration Limit of 10ppb (**B**) applies. For specific information, please contact us.
A+B = All components (additives and/or monomers) are listed in Annex 10 in the lists for evaluated (**A**) or not evaluated (**B**) substances. Some of them do not have any SML or restriction/specification, while others do.
- (2) 10/2011 with restrictions, please ask for detailed information.
- (3) BfR Recommendation with restrictions, please ask for detailed information.
- (4) Product can be used in compliance with the FDA section(s) but may be subject to any applicable limitations.
 - * The evaluation may be based on an exemption as e.g. "no-migration" principle. Please contact us for further details on conditions of use and restrictions.

175.105 "Adhesives"

- ** In order to comply with 21CFR175.105, this product has to be used in accordance with good manufacturing practice for adhesives, i.e. separated from food by a functional barrier, or that there is only trace exposure of adhesive to aqueous or fatty foods at seams or edge of laminate. In cases where a large ratio of surface areas of adhesive to volume of food is involved, and where the exposure conditions are severe, extraction tests may be required to assure that the food contact layer will perform as a functional barrier.

175.300 "Resinous and polymeric coatings"

- *** In order to comply with 21CFR175.300, the coating must be cured for four minutes at or above 193°C (380°F). SURFYNOL® 104 PA complies if no detection of isopropyl alcohol.

176.170 "Components of paper and paperboard in contact with aqueous and fatty food"

176.180 "Components of paper and paperboard in contact with dry food"

- (5) "yes" marked products are in compliance for certain application(s) with China National Food Safety Standard with restrictions. Please ask for additional information.
 - * Evaluation based on Safety Testing done by a local testing lab. Based on these test results and the composition of the products we consider the use of this product in food contact coatings as safe.
- (6) In with "yes" marked product we do not expect the presence of substances which are mentioned in the EUPIA Exclusion List 3rd Edition November 2016 in Selection Criteria C and substances List D to G. For Selection Criteria A and B, please refer to the Safety Data Sheet! With yes* marked product contains substance(s) which are mentioned in EUPIA Exclusion list ANNEX I. Please ask for further information.

Disclaimer:

Finished food contact materials or articles containing this product as a component, need to comply inter alia with migration and/or extraction limits or any other restrictions as specified in the applicable regulations. Verification of compliance with above mentioned limits/restrictions should be carried out in accordance with the respective rules. We would like to point out that it is in the sole responsibility of the manufacturer of the final material or article to assure the compliance under actual and foreseeable conditions of use, and to check it on a regular basis. The manufacturer of food contact materials or articles, containing this product as a component, must in particular ascertain that these finished materials or articles meet the general regulatory requirement that they do not endanger human health, or bring about an unacceptable change in the composition of the food or deterioration in the organoleptic characteristics thereof.

The information given above is based on and represents our current compositional knowledge (based on the knowledge of the production process, supplier information for raw materials and analytical data where applicable).

Furthermore, the given information is intended for persons having the required skill and knowhow and it does not relieve you from verifying the suitability of the information given for a specific purpose prior to use by testing, which should be carried out only by qualified experts. Use or application of such information is at your sole responsibility and risk, without any liability on the part of Evonik Resource Efficiency GmbH.

In case of any questions concerning the provided information or if you need additional advice, you are welcome to contact us:

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