

Product Information

TEGO® Antifoam D 2315

PRODUCT DESCRIPTION

TEGO® Antifoam D 2315 is a deaerator concentrate based on organo-modified siloxanes.

Typical Properties

Property	Unit	Value
Appearance		Light yellow paste
Density at 25°C	g/cm ³	1.0
Viscosity	mPa·s	900-1800

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

TEGO® Antifoam D 2315 combines defoaming and deaerating properties in one additive for waterborne polymer dispersions, e.g. adhesives. TEGO® Antifoam D 2315 can be applied where the occurrence of micro foam has to be avoided, e.g. in high dynamic processes for the production of labels and tapes.

Product Composition

Product Composition	Unit	Value
Active Content	wt%	100-100

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

TEGO® Antifoam D 2315

- Is highly efficient in application processes of adhesives
- Prevents reliably from micro and macro foam formation

HANDLING & PROCESSING

TEGO® Antifoam D 2315 has to be added to the dispersion as delivered. Aqueous predilutions are not stable and should therefore be avoided. Dilutions with film forming additives like Dowanol DPM® are possible. We recommend to add 10 to 20% of the solvent to TEGO® Antifoam

D 2315. Depending on the application the required dosage may vary over a wide range (0.05%-0.2%). Suitable screening tests are therefore recommended (initial dosage 0.1%).

PACKAGING

300 kg pallet (12 x 25 kg plastic cans)

STORAGE

TEGO® Antifoam D 2315 has to be stored in frost free conditions.

SHELF LIFE

TEGO® Antifoam D 2315 is stable in closed containers for a minimum of 12 months.

HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

REGISTRATION LISTING SUMMARY

The relevant components of TEGO® Antifoam D 2315 are listed/registered or exempt in the following chemical inventories:

Registration Listings

Registry	Status
Australia (AIIIC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (REACH)	Yes
EU (EINECS/ELINCS)	Yes

Registration Listings

Registry	Status
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Japan (ENCS)	Yes
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South Korea (KECL)	Yes
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Philippines (PICCS)	Yes
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USA (TSCA)	Yes
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FOOD CONTACT COMPLIANCE

FDA Regulation Based on the "no-migration" principle Tego Antifoam® D 2315 can be used in compliance with

FDA's rules for food contact substances if used as a defoamer in all applications up to a maximum use level of 200 mg/sqm food contact area. (Corresponds for example with a dosage of 0,2% in a film with 100 g/sqm.) BfR Recommendations TEGO® Antifoam D 2315 complies with the XIVth BfR Recommendation. Polymer Dispersions that comply with the XIVth Recommendation may be further used as production auxiliary according to the BfR Recommendation XXXVI under B. I. 10. European 10/2011 and amendments TEGO® Antifoam D 2315 may be used as an additive in compliance with EU-Regulation 10/2011 on plastic materials and articles intended to come into contact with food and its amendments, implementing EU-Regulation 1935/2004 for plastics.

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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