

Defoamer/deaerator for waterborne formulations

SURFADIOLS 250

(Alternative to TEGO Airex 902W and TEGO Foamex 825)

SURFADIOLS 250 is a copolymer emulsion composed of special polyether and modified polysiloxane, which can be widely used in water-based formulas: pure acrylic emulsion, styrene acrylic emulsion, vinyl and EVA emulsion, PU dispersion, mixing system, resin, water dilutable formula, water-based epoxy formula, printing ink and varnish, leather finish, wood and furniture coatings, high solid content transparent coatings, industrial coatings, architectural coatings, with excellent defoaming performance, high compatibility, can minimize the risk of surface defects.

Typical properties

Appearance	Milky white liquid
Composition	Copolymer emulsion composed of special polyether and modified polysiloxane
Active ingredient content	50%
Solvent	Ether
Viscosity (mpa.s) 25 °C	100-1000
pH Value	5.0-9.0
Defoaming (s)	<30

Special properties

- Universal use in waterborne formulations
- Optimum combination in micro- and macro-foam elimination
- Highly compatible
- Highly suitable for medium- to low-viscosity formulations

Scope of application

The additive is suitable for water-based systems:

- Airless spraying formula
- Industrial coatings
- Leather finish
- Printing inks
- Wood coatings
- Architectural coatings
- Vanish
- Plastic coatings

Incorporation and Processing Instructions

Before use, mix briefly with low shear forces.

Addition to the coating as supplied.

Long term effectiveness of the product is dependent on the formulation and should be tested in individual formulations.

It can be added in the grinding stage and let-down stage.

Recommended Levels

Amount of additive (as supplied) based upon formulation weight:

High solid content transparent paint: 0.5 - 3.0 %

Wood and furniture coatings, industrial coatings: 0.2 – 1.5 %

Industrial paint, leather finish, architectural paint, printing ink and varnish: 0.2 – 1.0 %

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Package and storage

The material is available in 25kg pails, 18 pails per pallet.

Keep containers tightly closed in a dry, cool, and well-ventilated place at 4-40 °C. Keep away from freezing.

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.