

RT920S Silica Polyether Modified Defoaming Agent

Overview:

RT920S is a concentrated polyether siloxane containing aerated silicon, featuring strong defoaming capability. It is recommended for high-viscosity and airless spray systems, with exceptional effectiveness in eliminating microbubbles.

Product advantages:

- Highly effective against microbubbles;
- Ideal for airless or mixed-air spraying;
- Strongly recommended for high-viscosity formulations.

Reference technical specifications:

Chemical composition: Polyether siloxane copolymer. Contains fumed silica.

Active content: 100%

Appearance: Colorless to pale yellow turbid liquid

Density: 0.98-1.08 g/cm³

Applying recommendations:

- Airless spraying
- Compressed air spraying
- Flexographic and gravure printing
- Brush application/roller application
- Self-leveling
- Immersion, flow coating, spray coating

Usability :

Water-based: ●

Two-component 100%: ○

Add during grinding: ●

Oil-based: ○

Radiation curing: ◎

Add during paint mixing: ◎

Solubility :

Water ○

TPGDA ◎

Ethanol ○

Butyl acetate ○

Solvent oil ◎

CELOTECH **RUICO**

Insoluble ○

Partially soluble ◎

Soluble ●

Typical application:

Wood Coatings
General Industrial Paints
Printing Inks
Protective coatings

Recommended amount:

0.1-1.5% of the total formulation.

Description of the process:

- The long-term efficacy of the product depends on its specific formulation, and individual formulations should be tested separately.
- The product requires high shear for mixing;
- Can be added to the coating in either supplied or pre-diluted form;
- Stir before use.

Package and Storage:

Store in a dark place, keep unopened and stored at 5°C to 35°C. The product has a shelf life of 12 months from the date of production.

25kg per barrel, with customized packaging for customers.

All data, including formulations, are authentic. However, customers must conduct experiments in their own laboratories or equipment for confirmation, and the company cannot make any commitments. Customers must comply with local patent regulations. Suppliers have the right to improve their products, and any modifications to specifications may be made without prior notice.