



RADIANT
CHEMICALS

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RHINOL - 022

VOC-free silicone-containing defoamer for aqueous coatings, printing inks and adhesives. Also effective against microfoam

Composition

Mixture of foam-destroying polysiloxanes and hydrophobic solids in polyglycol

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C): 1.00 g/ml

Applications

Coatings Industry

Special Features and Benefits

RHINOL-022 is particularly suitable for pigmented high gloss emulsion systems based on styrene acrylate, acrylate or acrylate/polyurethane with a pigment volume concentration of 18-25. Also effective against microfoam.

Recommended Levels

0.05-0.8 % additive (as supplied) based upon total formulation.

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

Incorporation and Processing Instructions

Due to its high incompatibility, the defoamer must be incorporated at high shear forces to ensure a good distribution. Otherwise defects may occur in the system.

VOC-free (< 1500 ppm)

Printing Inks and Overprint Varnishes

Special Features and Benefits

RHINOL-022 is recommended for defoaming printing inks and overprint varnishes based on styrene acrylate, acrylate or acrylate/polyurethane. Also effective against microfoam.

Recommended Levels

0.2-1 % additive (as supplied) based upon total formulation. The above recommended levels can be used for orientation. Optimum levels can be determined through a series of laboratory tests.

Incorporation and Processing Instructions

Due to its high incompatibility, the defoamer must be incorporated at high shear forces to ensure a good distribution. Otherwise defects may occur in the system.

Adhesives

Special Features and Benefits

RHINOL-022 is recommended for defoaming aqueous adhesives based on polyacrylate or polychloroprene. Also effective against microfoam.

Recommended Levels

0.05-0.5 % additive (as supplied) based upon total formulation.

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

Incorporation and Processing Instructions

Due to its high incompatibility, the defoamer must be incorporated at high shear forces to ensure a good distribution. Otherwise defects may occur in the system.