
Product Information - Performance Colorants & Chemicals

Foam Blast® 331E

General Purpose Industrial Foam Control Agent

Function

FOAM BLAST 331E is an effective water-dispersible nonionic defoamer and antifoam formulation of highly refined mineral oil and silica derivatives.

FOAM BLAST 331E is also effective as a general purpose defoamer for many liquid polymers used in industrial and graphic arts markets. It is also compatible and stable in most standard latex paint formulations.

FOAM BLAST 331E is composed of ingredients that meet the current requirements of the FDA for use in food contact applications when used in accordance with the requirements and limitations of 21 CFR: 175.105, 175.300, 176.170, 176.180, 176.200, 176.210 and 178.3120.

Properties

Appearance	Tan opaque liquid
Viscosity (mPa-s)	400
Density (Kg/L)	0.892
Flash Point (°C)(PMCC)	355
Water Solubility	Dispersible

Incorporation

In latex paint, normal addition levels ranges from 2 to 5 pounds of FOAM BLAST 331E per 100 gallons of paint. It is recommended to add in the pigment grind process. In coatings, an addition level of 0.1 to 0.5% based on the concentration of the binder, and is generally added as the second component of the coating formula.

For adhesives and glues, a normal usage rate of 0.02 to 0.2% based on total formulation weight.

If used in monomer stripping, an addition level of 0.01 to 0.1% based on solids. It is usually added right after the surfactant, directly to the polymerization kettle.

Typical Applications

- Latex paints and coatings (case by case basis)
 - Acrylic and latex emulsions
 - Emulsion polymerization
 - Adhesives and Glues
 - Industrial coatings
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