

ADDEX-DF 2212

Defoamer and Air Release Additive (Oil-Based)

Defoamer and silicone-free air-releasing additives are recommended for use in water-based coatings, emulsion polymerization processes, and water-based adhesives. This product is recommended for use in water-based acrylic, polyester, and polyvinyl acetate systems. This additive has very strong defoaming power and leaves a stable defoaming effect in the system. By using this product, undesirable defects associated with silicone-based defoamers (silicone spots, fish eyes) can be eliminated in most applications.

Product Data

Composition:

Silicone-free oil-based

Typical Properties:

Note: The information provided herein is intended for guidance only and should not be used to establish specifications. Minor variations do not affect the product's performance or application.

Physical Form:	Opaque liquid
Color:	Opaque white
Active Content:	100%

Applications

Applications > Recommended for > Particularly Recommended:

Coatings > Water-based systems
> Water-borne coating, particularly acrylic, polyester, and polyvinyl acetate systems

Recommended Dosage:

Note: The additive performance depends on the specific formulation, and optimal levels must be validated through a series of laboratory tests at varying dosages, temperatures, and times.

Based on total formulation weight:	0.3-1.0%
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Special Feature:

Eliminates silicone-related defects such as silicone spotting and fish eyes.

Incorporation and Processing Instructions:

The defoamer is easily incorporated into the system and can be added during the mill base stage or at the let-down stage.

Storage and Transportation:

Separation or turbidity may occur at low temperatures. In such cases, gently heat to 30–40 °C and stir until completely uniform. The minimum shelf life in closed containers is 12 months from the date of manufacture.