

Alcohol Ester-12 (TEXANOL)

coalescent agent - Performance properties

in Various coatings industry

Alcohol Ester – 12 Texanol, the premier coalescent for latex paints, provides the highest level of film integrity at low levels of coalescent. Texanol suitable for all types of latex paints and maintains good performance regardless of varying weather conditions and substrate porosity.

Non-VOC coalescing agent for emulsion paints plasters as well as for all waterborne systems. Texanol alcohol ester provides the highest level of film integrity at low levels of coalescent, enhancing the performance properties of the paint.

Texanol alcohol ester also works well in a variety of other applications. It is an ideal choice as a retarder solvent for use in coil coatings and high-bake enamels. Texanol alcohol ester offers a good balance of performance properties for ink applications requiring good open time.

Product Description

Texanol alcohol ester is the premier coalescent for latex paints. It performs well in all types of latex paints, in a variety of weather conditions, and over substrates with different levels of porosity. Texanol provides the highest level of film integrity at low levels of coalescent, enhancing the performance properties of the paint including low temperature coalescence, touch-up, scrub resistance, washability, color development, thermal flexibility, and resistance to mud cracking. Texanol alcohol ester also enhances thickening efficiency when used with associative thickeners.

Texanol also works well in a variety of other applications. It is an ideal choice as a retarder solvent for use in coil coatings and high-bake enamels. Texanol offers a good balance of performance properties for ink

applications requiring good open. The unique balance of properties in Texanol also makes it useful for a variety of chemical specialty applications such as ore flotation / frothing, oil-drilling muds, wood preservative carriers, and floor polishes.

Texanol can also be used as a solvent in nail polish.

The unique balance of properties in Texanol alcohol ester also makes it useful for a variety of other applications:

- Coalescent for latex coatings in the architectural, industrial, and maintenance markets
- Retarder solvent for use in coil coatings and high-bake enamels
- Chemical intermediate for synthesis of ester derivatives for plasticizers, etc.
- Coalescent for floor polishes
- Retarder solvent for solventborne coatings
- Wood preservative carriers
- Floor polishes
- “Sweetener” solvent in lithographic and letterpress oil-based inks
- Coalescent for electro deposition primers/coatings
- Recovery solvent in drilling muds and ore flotation processes
- This product is an ideal water-based coalescent agent, and has preferable film-forming effect to a various kind of emulsion polymer systems and could reduce minimum film forming temperature. It can be applied in situations that are difficult to form films (e.g. high glass transition temperature, low construction environment temperature), and is extremely appropriate for various kinds of water-based coating systems such as emulsions, latex paints and adhesives synthesized from methacrylate, and vinyl acetate.

Typical Properties

Property	Typical Value, Units
Molecular Weight	216.3
Nitrocellulose Solubility	Active
Refractive Index @ 20°C	1.4423
Solubility	
in Water, @ 20°C	0.1%
Water in, @ 20°C	3.0%
Specific Gravity @ 20°C/20°C	0.95
Surface Tension @ 20°C	28.9 dynes/cm
Vapor Density (air = 1)	7.5

Packing Size – 25kgs & 50 kgs Plastic Drum

For your Texanol alcohol ester requirements or if you need additional information on our products, please contact us on the given below numbers.