

# EPS<sup>®</sup> 9147

## LOW VOC COALESCENT FOR ACRYLIC EMULSIONS

# DATA SHEET

### Description

- ✓ Although EPS 9147 is compatible with many acrylic emulsions, thorough evaluations to check compatibility and stability should be performed.
- ✓ The amount of EPS 9147 necessary for proper low temperature coalescence varies with different polymers. The required amount of EPS 9147 should be determined by low temperature coalescence tests or appropriate film performance tests. Typically a weight equivalent replacement for Texanol is a good starting amount. In some formulations, the optimized amount of EPS 9147 will be less than Texanol.
- ✓ Depending on a given polymer, blends of EPS 9147 with Texanol, DPnB or other suitable coalescing solvent or plasticizer is suggested to obtain maximum film properties at the required VOC.
- ✓ Unlike conventional plasticizers, the EPS 9147 resists exudation to the surface of the paint. EPS 9147 is a permanent coalescent that remains in the paint film.
- ✓ The EPS 9147 coalescent should not be stored in PVC containers or piping for extended periods of time.

### Specifications

<i>Weight Solids:</i>	99.1 minimum*
<i>Weight/Gallon:</i>	8.70 ± 0.10
<i>Acid Value:</i>	3 mg KOH/g maximum
<i>Gardner Color:</i>	3 maximum

### Typical Properties

<i>Butanol Content:</i>	0.3% maximum, by weight
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\*EPS Test Method

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**Questions? Call EPS Technical Service @ 1-800-601-8111**

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