EPS® 9147

Low VOC Coalescent

MARKET SEGMENT: ARCHITECTURAL, CONSTRUCTION, INDUSTRIAL

EPS® 9147 is a versatile, very low VOC coalescent offering excellent film performance in coatings for architectural, construction and industrial markets. Replaces coalescing solvents resulting in high-performance coatings approaching zero VOC.

PERFORMANCE BENEFITS

- 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.
- EPS® 9147 should not be stored in PVC containers or piping for extended periods of time.

TYPICAL PROPERTIES

Weight Solids	99.1 minimum*
Weight/Gallon	8.70 ± 0.10
Volatile(s)	0.9%

These typical properties do not represent specifications.

* EPS Test Method