



SUPERSPERSE® E-1A

Water-Reducible and Emulsion Applications

SUPERSPERSE® E-1A is an APE and NPE-Free versatile wetting, dispersing and stabilizing agent for all water-reducible and emulsion systems.

Benefits: SUPERSPERSE® E-1A can be used as the sole dispersant or as an additive to improve resin-based dispersions. It improves gloss, maximizes color development, provides viscosity stability, and maintains the water resistance and the overall integrity of the final coating system. It is also compatible with latex emulsions, epoxies, water-reducible alkyds, polyurethanes, polyesters and acrylics.

Note: To avoid the possibility of shock, vehicle systems should have a pH above 6.

Applications: SUPERSPERSE® E-1A is effective with a wide range of organic and inorganic pigments. This dispersant may also be used in combination when co-grinding pigments are required. For initial evaluations, we recommend using the following list as a guide:

- Titanium Dioxide
- Carbon Blacks
- Organic Yellows
- Organic Reds
- Organic Oranges
- Extender Pigments

Recommended Usage Levels: Use 3 to 6% based upon weight of the pigment for inorganic pigments. Use 5 to 15% based upon weight of the pigment for organic and transparent pigments. Levels will vary depending on wetting properties of the dispersion vehicle and surface treatment and shape of the specific pigment(s) being milled. Optimum levels should be determined through laboratory testing.

Typical Properties:

Percentage Active Solids	40%
Gardner Color	7 Max
Weight per Gallon (lbs)	8.56
Specific Gravity	1.03