

TECHNICAL DATA SHEET

ES-EAGLE 4045

Emulsifying resin



EAGLE CHEMICALS™

Specification		Storage Conditions
• Viscosity C-poise at 25°C (55%)	Approx.200	ES-EAGLE 4045 should be stored indoors in the original, unopened and undamaged containers in a dry Place at storage temperatures between 5°C&30°C. Exposure to sun shine should be avoided.
• Density	1.09 ± 0.02	
• Solid content	45 ± 2 %	
• Color	Brownish color	

It's a high molecular weight liquid resin with excellent emulsifying action (have hydrophilic head (water lover) and hydrophobic tail (alkyd or oil lover) to form steric stable colloidal suspension. ES-EAGLE 4050 resin Technology uses mechanical energy to break the water into fine, stable micelles, enabling the formation of a water-in-oil emulsion that is only reducible with Mineral Spirits and other alkyd solvents

ES-EAGLE 4045 Advantages

- 1- Very simple to apply, No more complicated calculations
- 2- It's an additives resin 0.1-0.3 per total formulation
- 3- Better whitening, gloss, opacity and reology
- 4- No process or equipment changes
- 5- Help you to pass VOC regulations
- 6- Water percent up to 50 % per total formulation but we recommend 35-40 %
- 7- Using the same additives you already using in your standard formulation
- 8- Produce economic high gloss colored enamel

Stability

Under the above-mentioned storage conditions the Stability of ES-EAGLE 4045 will be 24 months ex-work