

# Technical Data Sheet



## Silicone Emulsions

### Description

Our silicone emulsions are available in 32%, 40% and 60% active emulsion of silicone oils, formulated specifically for web printing applications.

### Dosing & Directions

The optimum concentration will be a function of print conditions including press speed, paper type, temperature and humidity. Start evaluations at 5%-6% (6.5-7.5 ounces per gallon of water) for 60% silicone emulsions, adjust as needed to achieve desired performance and cost.

### Benefits

Highly concentrated emulsion.

Forms heat stable film after water evaporation.

Excellent dilution stability due to low particle size.

Reduces ink marking, smearing and other print defects.

Provides superior roll wetting and web remoistening due to low surface tension.

Greatly improves gloss of printed materials.

Contains rust inhibitors.

### Storage and Shelf life

The shelf life is 12-months from the date of manufacturer when stored between 35 and 104F in the original unopened container. Do not allow the product to freeze.

### Packaging

Products available in 55-gallon drums and 250-gallon totes.

### Warranty

The information presented is correct to the best of our knowledge; however, no warranty is expressed or implied other than the quality of the product described. No recommendation to infringe on any patented or proprietary procedures intended. Each user of Applied Chemistries products should review this information and these recommendations to determine their relevance and applicability in the specific context in which the products are to be used.

PowerSilicone Emulsions