

# BIO-SIL

## Antifoams & Emulsions

### BIO-SIL SRE60PA

### Printers Anti-Static Emulsion

## TECHNICAL DATA SHEET

Rev.4 Date: 24/11/2016

### PRODUCT DESCRIPTION

BIO-SIL SRE60PA is a cationic 60% active silicone emulsion with a built in anti-static additive. It is primarily formulated as a lubricity aid and anti-smearing additive for offset printing machine and folding bars.

BIO-SIL SRE60PA exhibits excellent stability and performance over wide pH and temperature ranges. Unlike 100% active, oil based release agents; BIO-SIL SRE60PA is non-tacky and easily removed by use of detergents and solvents. The good surface wetting; slip and anti-static properties are unaffected by the addition of water. BIO-SIL SRE60PA has enhanced slip performance over 35% silicone emulsions.

### COMMON AREAS OF USE

- Print Industry where static is a problem
- Conveyor belts where high tack and static is undesirable
- Newspaper printing and folding
- Where excellent lubricity in offset printing is required
- Magazine printing and folding

### PHYSICAL PROPERTIES

Active Silicone content	60%
Base fluid viscosity at 25°C mm <sup>2</sup> /s	350
Surfactant	Cationic
Specific gravity	0.98
*pH range	4.5 - 7.5
Shelf life	The warranted shelf life is 12 months untested, if stored in original unopened containers at temperatures between 2°C and 39°C. Emulsions have the tendency to separate when stored for extended periods; this does not indicate shelf life failure, after mild agitation this emulsion will still perform effectively.

\*Typical product data values should not be used as specifications

### PLEASE NOTE

- Material Safety Data Sheets are available upon request
- Packaging is available in the following sizes: 25kg containers, 200kg drums and 1000kg containers

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