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SILICONE EMULSION 13%

ArroChem's Silicone Emulsion 13% is a water-based emulsion formulated to provide a silicone coating with a moderate silicone content for various surfaces. It offers water repellency, lubrication, and protective properties while maintaining a balanced composition.

General Characteristics:

Appearance:	Milky white liquid
Chemical Composition:	Silicone-based polymer emulsion
Solubility in Water, 25°C:	Soluble
Viscosity:	100-500 cSt (centistokes) at 25°C
Specific Gravity:	0.92 - 0.98 g/cm ³ at 25°C



APPLICATION:

Silicone Emulsion 13% is well-suited for various applications across such as:

- **Water Repellent Coating:** This emulsion can be applied to fabrics, leather, paper, and other porous substrates to provide moderate water repellency, making them less susceptible to water and moisture damage.
- **Release Agent:** Due to its non-stick properties, it serves as a release agent in rubber and plastic molding processes, facilitating easy demolding and preventing adhesion.
- **Lubricant:** Silicone Emulsion 13% acts as a lubricant in certain applications, reducing friction and enhancing the smoothness of surfaces.
- **Surface Protection:** It can be applied on surfaces like metals and plastics to form a protective layer, safeguarding against environmental factors and preventing corrosion, thus improving the substrate's durability.
- **Household Products:** This emulsion finds use in various household products, such as furniture polish, to impart a protective coating and enhance shine.