



innovative chemical technologies, inc.

## **FLEXICLEAN SS-100**

### **TECHNICAL DATA SHEET**

- ◆ **Aqueous Emulsion designed to impart high gloss to leather, rubber, vinyl, wood, and stone**
- ◆ **Reactive Siloxane to Improve Durability versus Typical Silicone Emulsions**
- ◆ **Provides Lubricity and Mold Release Properties to Rubber and Vinyl**

### **Applications**

- ◆ **Gloss Enhancer for Tire Dressing, Leather/Vinyl Auto Interiors**
- ◆ **One step Leather Cleaner & Shine Concentrate (ie, shoe shine)**
- ◆ **Polish Additive for Wood Furniture, Stone, and Automotive Polishes**
- ◆ **Mold Release (for Rubber and Vinyl)**
- ◆ **Softener in some Textile Applications**

## **TECHNICAL INFORMATION**

Flexiclean SS-100 is a reactive siloxane emulsion designed to impart durable property enhancement to a substrate, whether it be mold release properties to metal molds used in making rubber/vinyl parts, softening to textiles fabrics, or gloss enhancement to leather and rubber articles. As a gloss enhancer, it's been used in everything from shoe shines to tire dressings to furniture polish, delivering better gloss performance and a more durable shine than standard silicone emulsions. Flexiclean SS-100 was formulated as a concentrate, to allow for simple dilution in water as well as incorporation as an additive into existing water-based formulations.

## **FORMULARY**

The following use rates are provided for guidance purposes only. These should not be taken as proven, finished formulations; they are merely starting points to guide a skilled formulator in the development of a finished product.

Vinyl Gloss Enhancer:            10-20% Flexiclean SS-100 in DI Water

Furniture Polish:                add 5-10% Flexiclean SS-100 to a mineral oil in water emulsion; thicken to desired consistency with and acrylic (Carbopol-type) thickener

Shoe Shine:                        20% Flexiclean SS-100 in DI Water

Add fragrance and preservative to the above formulations as needed/desired.

## **TYPICAL PROPERTIES**

Appearance	Off-white Milky Emulsion
Density @ 25C	1.01 +/- 0.02 g/ml (8.4 lbs/gal)
pH	7.0 +/- 2.0
Water Solubility	Emulsion
Boiling Point	Approximately 100C
Odor	Mild

## **PACKAGING/HANDLING**

Flexiclean SS-100 is available in 55 gallon drums (Net Wt. 440lbs) and 5 gallon pails (Net Wt. 40 lbs). DOT Classification is Non Regulated.