



innovative chemical technologies, inc.

## **FLEXIWET PD-100**

### **TECHNICAL DATA SHEET**

- ◆ **100% Active Ingredient Fluorinated Anionic Surfactant**
- ◆ **Powerful Leveling Agent. Provides for smoother, defect free coatings that deliver a higher reflectance**
- ◆ **Low Color: at use concentrations, will not impart color or change the inherent optical properties of the coating**
- ◆ **In sufficient concentrations, capable of providing repellency and/or release properties to a coating or film**
- ◆ **Some Salts Are FDA Approved (CFR 176.170) for Use on Paper in Direct Food Contact Applications**
- ◆ **Improves the ability of a coating or film to uniformly coat contaminated surfaces**

## **APPLICATIONS**

- ◆ **High Solids Coatings: Floor Finishes, Top Coats, Automotive Finishes, Nail Polishes, Lacquers**
- ◆ **Industrial and Architectural Paints & Coatings**
- ◆ **Release additive in Adhesives and Mold Releases**
- ◆ **Personal Care and Cosmetics Preparations**

## **APPLICATION/TECHNICAL INFORMATION**

Flexiwet PD-100 is a 100% active ingredient fluorinated surfactant that can be used in a tremendous variety of coatings, films, adhesives, and lotions. It helps them smoothly, evenly coat most substrates, even if they contain surface contaminants. In coatings like nail polishes and floor finishes, the smoothness translates to improved gloss and shine. In adhesives, the product can modify both the rheology and the release properties. In a variety of personal care products, they allow the product to effectively cover skin, regardless of whether it's wet or dry, oily or sweaty.

Flexiwet PD-100 is virtually insoluble in water. If an aqueous usage is envisioned, there are likely more effective products in the Flexiwet line which should be used instead.

## **TYPICAL PROPERTIES**

Appearance	tan to light brown waxy solid
Density @ 25C	1.8 +/- 0.05
pH (in water)	2.5 – 4.0
Water Solubility	less than 1%
Melting Point	55 – 65 deg C

## **PACKAGING/HANDLING**

Flexiwet PD-100 is available in 5 gallon pails (Net Wt. 60 lbs).  
DOT Classification is Non Regulated.