

# Capstone™ FS-22

## Fluorosurfactant

## Technical Information

### Description

Capstone™ FS-22 is a solvent-borne additive that provides low surface tension in solvent-based and high solids systems. It is compatible with most solvent-based systems. The low surface tension enables better wetting, spreading, and leveling. When cured into a coating, FS-22 provides surface water and oil repellency and chemical resistance to the film. Used in a cleaning system, FS-22 boosts stain resistance through surface energy modification. In non-polar systems, FS-22 provides foaming properties. At very low use rates, FS-22 delivers advanced wetting and leveling power. The typical use rate of FS-22 for most applications is from 0.05–0.2%, on an active ingredient basis.

### Applications

#### Paints and Coatings

- Improved wetting and leveling to eliminate craters, pinholes, fisheyes, and orange peel surface defects
- Compatible with wide range of solvent-based paints, such as alkyd, acrylate, and 2K polyurethane
- Improved water and oil repellency in the dried film

#### Waxes and Polishes

- Improved wetting and enhanced leveling
- Reduced crater and other coating defects
- Compatible with many solvent-based waxes and polishes

#### Graphic Arts

- Increased pigment wetting in inks
- Improved cylinder life in print equipment
- Better print definition

### Cleaning Products

- Improved wetting and penetration
- Effective on soils that are difficult to wet

### Hydrocarbon Applications

- Excellent solubility in a variety of solvents
- Provides enhanced foaming properties to non-polar systems at low product concentrations

### Typical Properties

Appearance	Clear, colorless to yellow liquid
Composition	30% solids in methyl isobutyl ketone (MIBK)
Structure	Partially fluorinated acrylic Copolymer
Ionic Character	Non-ionic
Specific Gravity	0.9
Flash Point	14°C (57°F)
Stability	Stable to freezing. Mix well before use.
Solubility	>5% in diesel fuel, mineral spirits, butyl acetate, n-heptane, toluene, xylene
Shelf Life	5 years for sample 5 years for pail size

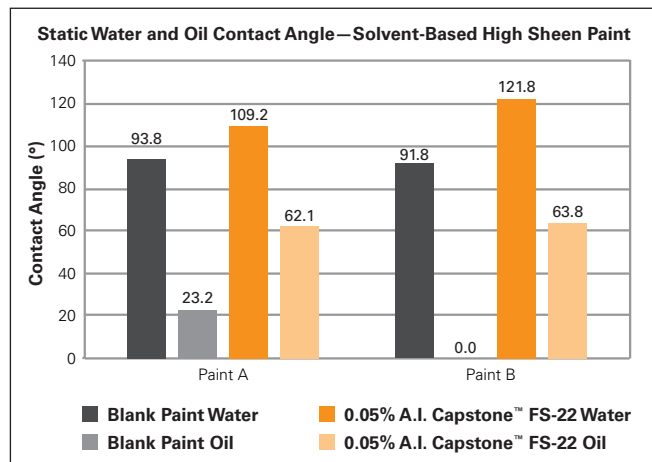
### First Aid, Storage, and Handling

See the Safety Data Sheet (SDS) for specific product information before using this product. Follow all applicable directions. Mix well before using.

**Performance**

Surface Tension (dyne/cm at 25 °C [77 °F])		
% Actives	Xylene	Butyl Acetate
0.1	27.1	24.6

**Contact Angle**



**Capstone™ Repellents and Surfactants**

- Deliver maximum performance
- Regulatory and stewardship information is available upon request
- Are listed on TSCA inventory

**Package Sizes**

Drum-350 lb (158.9 kg), Pail-40 lb (18.16 kg),  
Can-7 lb (3.178 kg)

For questions regarding technical data, commercial supply, and sampling:

**Chemours Advanced Performance Materials**

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