

Capstone™ FS-64

Fluorosurfactant

Technical Information

Description

Capstone™ FS-64 is a water-soluble, anionic, proprietary fluorosurfactant with no intentionally-added VOC that gives low aqueous surface tensions only achievable with fluorosurfactants. FS-64 can be used in a variety of applications, including architectural coatings, industrial finishes, floor care formulations, and cleaning solutions.

Applications

Water-Based Floor Care (Finishes, Waxes, and Polishes)

- Provides wetting and enhanced leveling
- Good re-wet characteristics in multi-coat applications
- Reduces cratering and provides faster spreading
- Suggested use rates are 0.02–0.04% active ingredient (A.I.)

Concentrated Cleaning Solutions

- Reduces surface tension and provides excellent wetting to achieve cleanability
- Suggested use rates are 0.02–0.1% A.I.

Additive to Water-Based Paints and Coatings

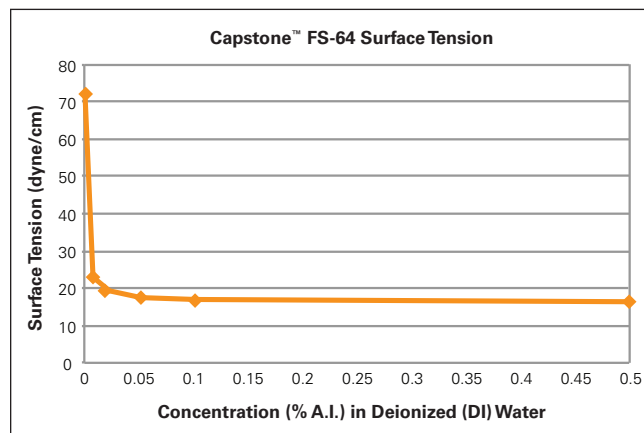
- Excellent leveling, anti-cratering, and wetting performance
- Excellent anti-blocking and oil-repellency performance
- Compatible with silicone additives
- Suggested use rates are 0.02–0.1% A.I. in wet paint

Typical Properties

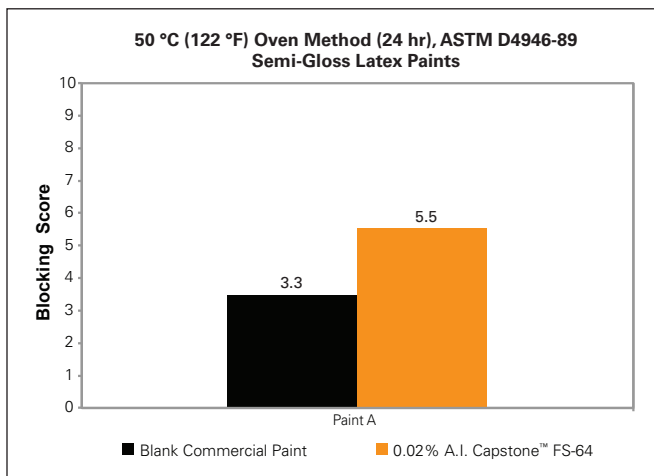
| | |
|------------------|---|
| Appearance | Clear to hazy, colorless to yellow liquid |
| pH | 7–9 |
| Specific Gravity | 1.1 |
| Stability | Freeze-thaw stable. Mix well before use. |
| Composition | 15% solids in water |
| Shelf Life | 5 years |
| Flash Point | Does not flash |

Performance

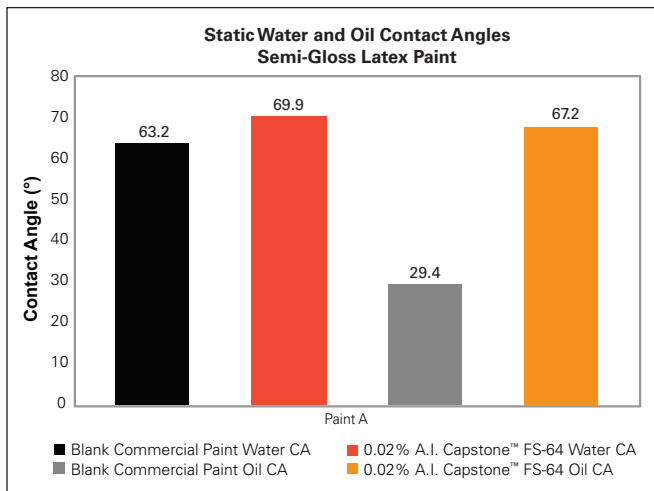
Surface Tension



Block Resistance



Contact Angle



Foaming

- Moderate foamer

Ross-Miles Foam Volume (mL) at 25 °C (77 °F) at 0.1% Active Ingredient (A.I.)

| | Initial | 3 min | 5 min | 10 min |
|----------|---------|-------|-------|--------|
| DI Water | 105 | 105 | 105 | 105 |

Capstone™ Repellents and Surfactants

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

Package Sizes

Drum-400 lb (181.6 kg), Pail-40 lb (18.16 kg), Bottle-8 lb (3.632 kg)

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

Chemours Advanced Performance Materials

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