



NUMBER 4500-1 (Supersedes 4500)

Strodex™ PSK-28 Phosphate Ester Surfactant

For Waterborne Architectural Coatings

Strodex PSK-28 surfactant is a blend of neutralized (potassium salt) phosphate coesters. It imparts improved gloss and color acceptance in waterborne latex paints. Depending on the formulation specifics, Strodex PSK-28 surfactant can also function as a supplemental dispersant to assist in reduction of pigment flocculation. Strodex PSK-28 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Strodex PSK-28 surfactant is particularly beneficial for color development in ready mix-colors and tint bases.

Typical Properties^(a)

Chemical type.....	Phosphate Ester (anionic)
Appearance	Clear to slightly hazy liquid
Active solids, weight %	55 ± 2%
Gardner Color.....	2 maximum
Viscosity ^(b) , as supplied (cps or mPa•s)	40 – 60
Density, g/mL.....	1.04
Density, lb/gal.....	8.7
pH, (neat).....	7.5 – 8.5
VOC content, weight % ^(d)	8
Flash point ^(c)	85°F (29°C)

^(a)Values are typical properties and are not to be regarded as product specifications

^(b)Brookfield RVT viscosity at 25°C (77°F)

^(c)Tag closed cup

^(d)VOC EPA Methanol 24

Product Benefits

- Increases gloss
- Reduces hazing
- Enhances color development
- Excellent wetting and dispersion of pigments including iron oxides
- Improves latex paint mechanical and storage temperature stability
- Improved substrate wetting
- Helps prevent crawling, cratering and pinholing
- Unaffected by multivalent cations
- Inhibition of flash and nail head rusting

Recommended Use Levels

In flat, semigloss and gloss paints, 2-8 pounds of Stodex PSK-28 surfactant per 100 gallons of finished paint are recommended.



APEO Content

Strodex PSK-28 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Chemical Inventories

All components of Stodex PSK-28 surfactant are listed on TSCA and DSL chemical inventory (USA and Canada) as well as EINECS compliant (Europe).

Product Safety

Please read and understand the MSDS before using this product.