



NUMBER 4410-2 (Supersedes 4410-1)

Strodex™ PK-80A Phosphate Ester Surfactant *For Waterborne Architectural Coatings*

Strodex PK-80A surfactant is the neutralized (potassium salt) form of a phosphate coester of aliphatic alcohols. It imparts improved gloss and color acceptance in waterborne latex paints. Depending on the formulation specifics, Strodex PK-80A surfactant can also function as a supplemental dispersant to assist in reduction of pigment flocculation. Strodex PK-80A surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Strodex PK-80A surfactant is particularly beneficial at wetting pigments including TiO₂, iron oxides and common extenders. Spreading and uniform coverage of paint on difficult to wet surfaces are improved by the use of Strodex PK-80A surfactant.

Typical Properties^(a)

Chemical type.....	Phosphate Ester (anionic)
Appearance.....	Clear liquid
Carrier.....	Isopropanol/water
Active solids, weight %	67 ± 2%
Gardner Color.....	4 maximum
Viscosity ^(b) , as supplied (cps or mPa·s).....	70 – 150
Density, g/mL.....	1.07
Density, lb/gal.....	8.9
pH, 10% aqueous solution.....	10.0 - 11.0
VOC content ^(c) , weight %.....	12.3
Flash point ^(d)	82°F (28°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) U.S. EPA method 24

^(d) Tag closed cup

Product Benefits

- Increases gloss
- Reduces hazing
- Enhances color properties
- Improved substrate wetting
- Excellent wetting & dispersion of pigments including iron oxides
- Improved freeze-thaw resistance
- Helps prevent crawling, cratering & pinholing
- Low water sensitivity
- Inhibition of flash & nail head rusting
- May improve open time & block resistance

Recommended Use Levels

In flat, semi-gloss and gloss paints, 3-5 pounds of Strodex PK-80A surfactant per 100 gallons (0.3-0.5%) of finished paint are recommended.



APEO & Glycol Content

Strodex™ PK-80A surfactant does not contain any alkyl phenol ethoxylates (APEOs). Glycols are not intentionally added or known to be present in Strodex PK-80A surfactant.

Chemical Inventories

All components of Strodex PK-80A surfactant are listed on TSCA chemical inventory (USA).

Product Safety

Please read and understand the MSDS before using this product.