Strodex® SEK-50D Phosphate Ester Surfactant
For Waterborne Architectural Coatings

Strodex® SEK-50D 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® SEK-50D surfactant can also function as a supplemental dispersant to assist in reduction of pigment flocculation. Strodex® SEK-50D surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Strodex® SEK-50D surfactant is particularly beneficial for color development in ready mix-colors and tint bases.

Typical Properties

- Chemical type: Phosphate Ester (anionic)
- Appearance: Clear liquid
- Carrier: Hexylene glycol
- Active solids, weight %: 50 ± 2%
- Gardner Color: 2 maximum
- Viscosity (b), as supplied (cps or mPa·s): 80 – 120
- Density, g/mL: 1.05
- Density, lb/gal: 8.7
- pH, 1% aqueous solution: 6.3 – 7.3
- VOC content, weight %: 6.1
- Flash point (c): > 200°F (93°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

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Product Benefits

- Increases gloss
- Reduces hazing
- Enhances color development
- Excellent wetting & dispersion of pigments including iron oxides
- Improved substrate wetting
- Helps prevent crawling, cratering & pinholing
- Unaffected by multivalent cations
- Inhibition of flash & nail head rusting

Recommended Use Levels

- In flat, semi-gloss and gloss paints, 4-8 pounds of Strodex® SEK-50D surfactant per 100 gallons of finished paint are recommended.

APEO Content

Strodex® SEK-50D surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Chemical Inventories

All components of Strodex® SEK-50D surfactant are listed on TSCA chemical inventory (USA).

Product Safety

Please read & understand the MSDS before using this product.

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