

## *Product Data*

NUMBER 4414-1

### **Strodex<sup>®</sup> SEK-50D Phosphate Ester Surfactant For Waterborne Architectural Coatings**

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

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

#### **Typical Properties<sup>(a)</sup>**

Chemical type .....	Phosphate Ester (anionic)
Appearance.....	Clear liquid
Carrier .....	Hexylene glycol
Active solids, weight %.....	50 ± 2%
Gardner Color .....	2 maximum
Viscosity <sup>(b)</sup> , 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 <sup>(c)</sup> .....	> 200°F (93°C)

<sup>(a)</sup> Values are typical properties and are not to be regarded as product specifications.

<sup>(b)</sup> Brookfield RVT viscosity at 25°C (77°F).

<sup>(c)</sup> Tag closed cup

(continued)

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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<sup>®</sup> SEK-50D surfactant per 100 gallons of finished paint are recommended.

**APEO Content**

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

**Chemical Inventories**

All components of Strodex<sup>®</sup> 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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