Product Data

Number 4409-1

Strodex® PK-0VOC Phosphate Ester Surfactant
For Waterborne Architectural Coatings

Strodex® PK-0VOC surfactant is the neutralized (potassium salt) form of a phosphate coester of aliphatic alcohols. It is designed to impart improved gloss and color acceptance in waterborne latex paints. Depending on the formulation specifics, Strodex® PK-0VOC surfactant can also function as a supplemental dispersant to assist in reduction of pigment flocculation. Strodex® PK-0VOC surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Strodex® PK-0VOC 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-0VOC surfactant.

Typical Properties

- Chemical type: Phosphate Ester (anionic)
- Appearance: Clear liquid
- Active solids, weight %: 42 ± 2%
- Gardner Color: 2 maximum
- Viscosity (b) as supplied (cps or mPa·s): 230 – 330
- Density, g/mL: 1.10
- Density, lb/gal: 9.2
- pH, 10% aqueous solution: 8.5 – 9.5
- 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), spindle #5 at 30 rpm.
(c) Tag closed cup

(continued)
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, 8-14 pounds of Strodex® PK-0VOC surfactant per 100 gallons of finished paint are recommended.

Volatile Organic Compounds (VOCs)

Strodex® PK-0VOC surfactant is formulated as solvent-free. As such, the VOC content of this product should be non-detectable using the standard U.S. EPA Reference Method 24.

APEO & Glycol Content

Strodex® PK-0VOC surfactant does not contain any alkyl phenol ethoxylates (APEOs). Glycols are not intentionally added or known to be present in Strodex® PK-0VOC surfactant.

Chemical Inventories

All components of Strodex® PK-0VOC surfactant are listed on TSCA chemical inventory (USA).

Product Safety

Please read & understand the MSDS before using this product.

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