



NUMBER 4407-4 (Supersedes 4407-3)

Strodex™ MOK-70 phosphate ester surfactant *For Waterborne Architectural Coatings*

Strodex MOK-70 surfactant is the neutralized (potassium salt) form of a phosphate ester of aliphatic alcohol. It is designed to impart stability to exterior latex paints using zinc oxide or other reactive pigments. Spreading and uniform coverage are improved on difficult to wet surfaces by the use of Strodex MOK-70 surfactant in waterborne coatings. Depending on the formulation specifics, Strodex MOK-70 surfactant can also function as a supplemental dispersant to assist in reduction of pigment flocculation. Strodex MOK-70 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

In addition to use in latex paint, Strodex MOK-70 surfactant provides benefits in universal colorants, to help disperse and stabilize the pigments, thereby enhancing color acceptance for water-based paints tinted at point-of-sale.

Typical Properties^(a)

Chemical type.....	Phosphate Ester (anionic)
Appearance.....	Clear gel
Active solids, weight %	70 ± 2%
Gardner Color.....	3 maximum
Viscosity ^(b) , as supplied (cps or mPa·s).....	Semi-gel
Density, g/mL.....	1.14
Density, lb/gal.....	9.5
pH, 10% aqueous solution	7.0 – 8.0
VOC content ^(c) , weight %	1.7
Flash point ^(d)	P.M.C.C. 126°F

^(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) P.M.C.C. (Pensky Martens Closed Cup)

Product Benefits

- Increases gloss
- Stabilizes zinc oxide pigments
- Excellent wetting & dispersion of pigments
- Enhances color properties
- Improved substrate wetting
- 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 MOK-70 surfactant per 100 gallons (0.3-0.5%) of finished paint are recommended.
- In universal colorants, 5-8% by weight of Strodex MOK-70 surfactant is recommended.



APEO & Glycol Content

Strodex™ MOK-70 surfactant does not contain any alkyl phenol ethoxylates (APEOs). Glycols are not intentionally added or known to be present in Strodex MOK-70 surfactant.

Chemical Inventories

All components of Strodex MOK-70 surfactant are listed on TSCA chemical inventory (USA).

Product Safety

Please read & understand the Safety Data Sheet (SDS) before using this product.