



NUMBER 4434-1 (Supersedes 4434)

Strodex™ KM-0VOC Phosphate Ester Surfactant *For Waterborne Architectural Coatings*

Strodex KM-0VOC surfactant is the neutralized (potassium salt) form of a phosphate ester of an aliphatic alcohol. It is designed to impart excellent low water sensitivity and stability to latex paints. It is particularly beneficial in paints incorporating zinc oxide or other reactive pigments. Strodex KM-0VOC surfactant is also beneficial for inhibition of corrosion, flash rusting and nail head rusting. Strodex KM-0VOC does not contain any alkyl phenol ethoxylates (APEOs).

In addition to use in latex paint, Strodex KM-0VOC surfactant provides significant benefits in universal colorants, to help disperse and stabilize the pigments, thereby enhancing color acceptance for water-based paints tinted at the point of sale.

Strodex KM-0VOC surfactant is offered as a neutralized alternative to Strodex MO-100 and is rated as non-flammable and non-combustible according to U.S. Department of Transportation (DOT) & NFPA.

Typical Properties^(a)

Chemical type.....	Phosphate Ester (anionic)
Appearance.....	Clear light yellow to amber liquid
Active solids, weight %.....	40 ± 1%
Gardner Color.....	5 maximum
Viscosity ^(b) , as supplied (cps or mPa·s).....	100 maximum
Density, g/mL.....	1.13
Density, lb/gal.....	9.3
pH, as is.....	8.5 – 10.5
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

Product Benefits

- Increases gloss
- Stabilizes ZnO pigments
- Enhances color properties
- Improved substrate wetting
- Inhibition of flash & nail head rusting
- Can improve freeze-thaw resistance
- May improve open time & block resistance
- Excellent wetting & dispersion of pigments

Recommended Use Levels

- In flat, semi-gloss and gloss paints, 8-14 pounds of Strodex™ KM-0VOC surfactant per 100 gallons of finished paint are recommended.
- In universal colorants, 10-15% by weight of Strodex KM-0VOC surfactant is recommended.

Volatile Organic Compounds (VOCs)

Strodex KM-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 Content

Strodex KM-0VOC surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Chemical Inventories

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

Product Safety

Please read and understand the MSDS before using this product.