



NUMBER 4408-2 (Supersedes 4408-1)

Strodex™ NB-20 Phosphate Ester Surfactant *For Waterborne Architectural Coatings*

Strodex NB-20 surfactant is the neutralized (potassium salt) form of an alkyl phenol ethoxylated phosphate ester. Strodex NB-20 surfactant imparts superior freeze-thaw and heat stability to waterborne latex paints compared to other surfactants. It also imparts improved color acceptance in waterborne latex paints.

Due to improved stability properties, Strodex NB-20 surfactant also reduces color float in tinted paints.

Typical Properties^(a)

Chemical type.....	Phosphate Ester (anionic)
Appearance.....	Clear liquid
Active solids, weight %	99 ± 0.5%
Gardner Color.....	2 maximum
Viscosity ^(b) , as supplied (cps or mPa·s).....	250 – 750
Density, g/mL	1.04
Density, lb/gal.....	8.7
pH, 5% aqueous solution	4.5 - 5.5
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).

^(c) Tag closed cup

Product Benefits

- Improved heat stability
- Improved freeze-thaw resistance
- Improved substrate wetting
- Improved color acceptance
- Reduces color float
- Improves open time

Recommended Use Levels

In flat, semi-gloss and gloss paints, 2-5 pounds of Strodex NB-20 surfactant per 100 gallons (0.2-0.5%) of finished paint are recommended.

Volatile Organic Compounds (VOCs)

Strodex NB-20 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.

Glycol Content

Glycols are not intentionally added or known to be present in Strodex NB-20 surfactant.



Chemical Inventories

All components of Strodex™ NB-20 surfactant are listed on TSCA chemical inventory (USA).

Product Safety

Please read and understand the MSDS before using this product.