

Product Data

NUMBER 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 phosphate esters. 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

(continued)

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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 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 & understand the MSDS before using this product.

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