

GMA-614

High Performance Gas Migration Control Additive

Product Overview

GMA-614 is a Aqueous copolymer dispersion containing a styrene-butadiene latex polymer that aids in sealing off gas-migration ahead of the slurry. It can also be useful as a high-temperature suspension aid to a cement slurry. GMA-614 is effective in slurries up to 250°F.

Recommended Application

GMA-614 is generally used at 0.5 to 1.0 gal/sk of cement. To be also used with a dispersant at 0.5 to 1.5% BWOC. GMA-614 should be used with a Defoamer due to its inherent viscosity. A Stabilizer surfactant is often required at higher temperatures up to 350°F. The Stabilizer is generally used at a rate of 30:1 by volume of latex. Laboratory testing needs to be conducted prior to application on a cement job.

Safety & Environmental

Do not use GMA-614 with sodium chloride or potassium chloride. Prevent Liquid Latex emulsion from freezing. Unlikely to cause harmful effects when stored and handled as advised. Please refer to the MSDS for more information.

Recommended Usages

- It is a liquid additive that provides excellent filtration control.
- It provides very good suspension properties to the cement slurry.
- It is used to replace some of the mix water.
- It can improve bonding to the casing.

Properties

- Thick off-white liquid
- Activity: 50%
- Packaged: 53 gal drum
- Density 8.44 lb./gal.
- Specific Gravity 1.01
- Absolute Volume: 0.1205 gal/lb.
- pH is 8.7
- Slight hydrocarbon odor
- Water Solubility: Miscible
- Flash Point: > 190°F
- Freeze Point: 30°F

Shipping, Handling & Storage

Packaged in 5 gal pails, 53 gallon drums, or 270gal totes. Contact your local Sales Representative lead times due to the product containing imported materials.