



Wesbond AF2024

Antifoam for ceramic slurries

Why Wesbond AF2024?

- **Highly compatible** - Wesbond AF2024 is silicone-based so it is nonionic and compatible with colloidal silica and colloidal alumina over a broad pH range.
- **Highly effective** - Wesbond AF2024 is a highly-effective antifoam so small additions will treat a slurry without affecting solids content.
- **Easy to use** - Wesbond AF2024 is a dispersion of silicone chemicals in water. It is safe, easy to store, and easy to dose and use.

Typical Properties

Appearance	Milky thick liquid
Specific Gravity	1.0
Active Ingredients, %	~10
pH @ 25°C	3.5 – 5.0
Diluent	Water
Viscosity @ 25°C, mPa-s	~700
Toxicity	Non-Toxic. See SDS

Storage, Handling and Safety

Prolonged exposure to temperatures of 0°C (32°F) or below should be avoided.

Packaging

1 quart bottles, 1- & 5-gallon pails.

Wesbond AF2024 is a 10%-active silicone emulsion designed for controlling foam in aqueous systems. It is effective in low concentrations. Being non-ionic it is compatible with both colloidal silica and colloidal alumina.

How to Use Wesbond AF2024

Anti-foams should be used sparingly, if at all, as they tend to negate some of the effects of surfactants and weaken the silica binder if used in excess. However, there are times when you cannot rid paddle-mixed slurries of microscopic bubbles without either sucking them out with a vacuum or use of an anti-foam. Use the minimum amount that is effective.

Wesbond AF2024 is effective at very low concentrations. Approximately 5 ml per 20 gallons of slurry should be tried first. Premix in a pint of water before adding to the slurry and allow to mix at least 30 minutes before using slurry. If bubbles persist, add another 5 ml as above and try again. If bubbles remain after four additions, you should look at changing the position of your mixer blade in the slurry to prevent vortexing..

For a price quote and valuable information on how we can help you improve your vacuum formed products call

WESBOND
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