



Wesol FB

Polysilicate binder for ceramic systems

How to Use Wesol FB

Coatings made using Wesol FB must be air or oven dried for good hardness.

Storage:

Wesol FB is a water based material and freezes at 32°F; store above this temperature to keep fluid. Freezing does not damage Wesol FB, but ice floats to top and forms a water layer when thawed. Stir before using if freezing is suspected. Store below 100°F.

Toxicity:

Non-hazardous, mildly alkaline (pH=11.5).

Wesol FB is an alkaline dispersion of polysilicate molecules in water, with a mineralizer added for improved bonding strength.

Use WESOL FB to enjoy these advantages

Deflocculant for clay systems

Excellent deflocculant for slipcasting and clay refining. Can be used to reduce water and improve fluidity in clay slurries.

Anionic flocculant

Cationic modifier of negatively charged surfaces, like ceramics, glass, paper and plastics, to improve adhesion, dyeability, printability, and anti-soil effects .

Inorganic binder

Polysilicate binders offer resistance to high temperatures, acids, slumping, and redissolving after set.

Reinforcement

Adds reinforcement to adhesives, polymers, resins, and inks.

Typical Physical Properties

Appearance	Clear colorless liquid
Concentration, wt%	26 wt %
pH	11.5
Specific Gravity	1.22
Toxicity	Non-toxic, alkaline, protect eyes from splashes. See MSDS.
Packaging	1-gallon pail; 5-gallon pail; drums, 560 lbs. net.

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

WESBOND
(302) 655-7917