

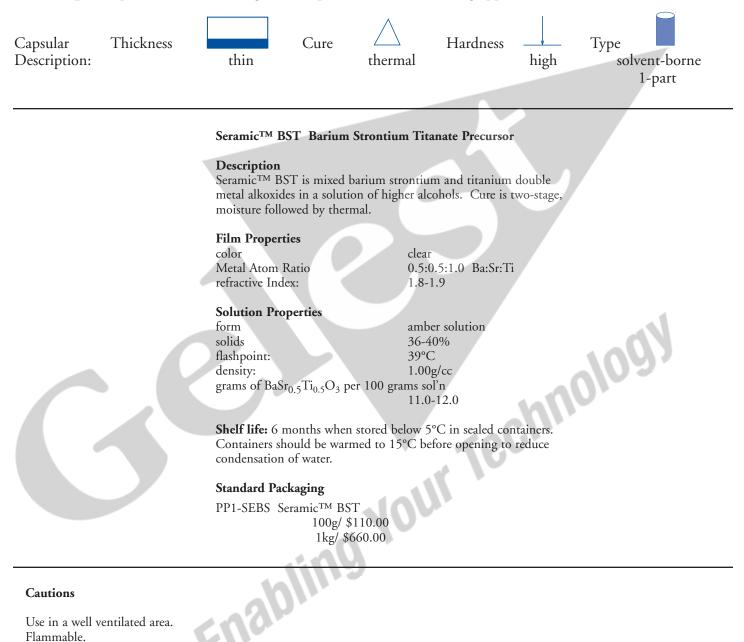
Gelest SeramicTM BST

High Dielectric Constant Barium Strontium Titanate Films

Features: Provide thermally resistant dielectric coatings by dip or spin-on application.

Applications:

Electronics - provides high dielectric constant layers for capacitors and electroluminescent applications. **Optics** - provide overcoats for glass and quartz for index matching applications and as diffusion barriers.



Avoid contact with skin and eyes:

Application Methods

Gelest SeramicTM BST is applied as a coating by dipping or spin-on. After solvent evaporation at 40-60% RH, the system cures in 15 minutes at 650°C. As supplied, typical film deposition is 1200-1500 Å by spin-on application at 3000rpm. Thinner films may prepared by diluting with methoxypropanol or diglyme.

(215) 547-1015 FAX: (215) 547-2484 www.gelest.com