

Description

Ultra-Sol FOP-VII Fiber Optic Polish is a proprietary blend of abrasives and chemical enhancers formulated for use in the polishing of glass single mode and multimode fiber optic connectors. Surface finishes attainable with this slurry result in maximum light transmission rates. This formulation comes ready to use and requires no dilution by the user. Simultaneous polishing of the glass fiber and ceramic ferrule is possible with dramatically reduced undercut.

The information provided in this note should be used as a starting point for the customer's application.

Physical Characteristics

SF-FOPVII	
Mean Particle Size	70nm
pH	7.9
Solids Content (By Weight)	5%

Handling

Ultra-Sol FOP-VII is a safe, aqueous based slurry. However, to avoid skin or eye irritation, handlers should use personal protective equipment including; rubber gloves, protective clothing, and eye protection. Follow all MSDS and label precautions and use good industrial safety and hygiene practices when handling or using this product.

It is recommended that Ultra-Sol FOP-VII be used in pure form. No dilution of the slurry is required. Mild agitation will keep the diluted slurry suspended. The product is ideally suited for manual or automatic slurry delivery systems. Due to the unique formulation, it is further recommended that the user not attempt to adjust the pH. The chemical enhancements are engineered to provide high quality surface finish, yet not provide a vehicle for corrosion. If a different pH is required, please contact your EMINESS Technologies, Inc. Applications Engineer, for assistance in attaining the desired results.

Storage

Standard packaging includes one (1) gallon bottles and five (5) gallon pails. Customer specific packaging is available upon request. All containers are High Density Polyethylene (HDPE). Maintain storage in a temperature-controlled environment, between 40 and 100°F, avoiding prolonged exposure at either extreme.

Disposal

Dispose in accordance with all applicable regulations.

If you have any questions or comments, please don't hesitate to call your EMINESS Technologies, Inc. Applications Engineer.

About Eminess

For over twenty years Eminess has been providing quality, precision polishing consumables to a vast array of industries. In addition to polishing slurries, Eminess also manufactures a variety of complimentary products, including polishing pads, waxless fixturing, carrier films, and pad conditioners.



We have invested heavily in the tools and infrastructure necessary to provide superior support to our customers, and guarantee quality products through strict observance of ISO 9001 standards. Our knowledgeable support and customer service staff stands ready to assist with polishing projects of any size. For superior products, support, and results, think Eminess!