

Description

Ultra-Sol SAP Superior Acrylic Polish is formulated to give superior visual quality finishes to materials such as acrylic and other plastic surfaces.

Physical Characteristics

SF-SAP	
Mean Particle Size	5.8 μ
pH	8.0
Solids Content (By Weight)	25%

Handling

Ultra-Sol SAP is an aqueous suspension of proprietary aluminum oxide abrasive particles and an unique proprietary chemistry that stabilizes the suspension and prevents hard settling. Additionally, proprietary chemical additives have been added to enhance the chemical action of the polish. This chemistry, combined with the unique abrasive particles, provides a superior visual quality finish to the material surface.

Designed to be used at a neat concentration (undiluted), Ultra-Sol SAP Superior Acrylic Polish has a viscosity that allows it to be used with low to medium rpm orbital polishing devices. In cases where a lower viscosity is desired, such use in a slurry delivery system, the product can be diluted 1:1 with deionized water. Only the highest quality (18 Mohm or higher) deionized water should be used for dilution. Dilution will significantly reduce the shelf life of the slurry. Mild agitation is all that is needed to keep the diluted slurry suspended. Storage and re-use of diluted slurry is not recommended. If diluted slurry is allowed to sit long enough to settle out of suspension, re-use of the settled solids, without proper rework, may cause some minor scratching and should be avoided.

CAUTION! *Do not attempt to adjust the pH of the slurry!* The addition of chemicals other than de-ionized water may cause gelling and/or settling of the slurry. If a different pH is required, please contact your Eminess Technologies Applications Engineer for assisting in attaining desired results.

Storage

Storage tanks and distribution piping should be constructed of engineered plastic of polyethylene, polypropylene or fluoropolymer. Materials such as aluminum, copper, brass, stainless steel and PVC should be avoided. All packaging containers are High Density

Polyethylene (HDPE). Maintain storage in a temperature-controlled environment, between 40 and 100°F, avoiding prolonged exposure at either extreme.

Warning: Contact with skin and eyes can cause irritation. Inhalation of vapors may cause nasal and respiratory irritation – use adequate ventilation. Handlers should use personal protective equipment including, but not limited to, rubber gloves, protective clothing, dust/mist respirator and eye protection. Dispose of waster material in accordance with Federal, State, and Local regulations. For additional information consult the Material Safety Data Sheet.

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!