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# TECHNICAL DATA SHEET

## Epoxy Polish

Alumilite Epoxy Polish is an ultra-fine polishing compound, compatible for use with Alumilite epoxies and urethanes. This product is suitable for coarse, as well as fine polishing and sealing. Infused with carnauba wax, Alumilite Epoxy Polish will leave a long-lasting shine on all of your Alumilite surfaces.

- For use with electric buffer or with items being turned on a lathe
- Contains carnauba wax
- Suitable for coarse, and fine polishing and sealing
- Application by machine
- Compatible with rigid & fully cured epoxies, polyesters, and urethanes
- FDA Compliant for food contact

## IMPORTANT: PLEASE NOTE

- Alumilite Epoxy Polish is compatible for use with all Alumilite epoxy resins, urethanes, and paints. To ensure preferred outcome, test in a small area on your piece.
- The level of success achievable with polish is dependent on preparation and sanding prior to applying the compound. Projects should be thoroughly sanded to remove scratches before finishing with a finegrit pad (up to 4,000 grit) prior to polish application.
- Skipping sanding grits may lead to visible scratch marks after polishing. Work through grits to remove large gouges or protrusions. Please follow the recommended directions to achieve best results.
- When polishing, an electric buffer is is recommended for use. The buffer may be used on the rounded corners of tables. If the polish is left to dry for greater than 30 minutes, it may be difficult to remove.

## BEFORE YOU BEGIN

**Work Environment:** The ideal working temperature is around 65-75°F in a clean, dry, dust-free environment. Avoid working in high humidity. If you are pouring in large volumes of 2 or more gallons, we suggest keeping room temperature closer to 65°F. We highly recommend keeping fans on your project to help dissipate heat.

**Materials:** Be prepared with all necessary materials and tools before beginning your project.

- Stir-sticks
- Mold box
- Cleaning Materials

- Misc. handling tools – X-acto knife, pliers, a drill or Dremel tool, heat gun, etc.

## INSTRUCTIONS

**1. START WITH LOW-GRIT SANDING DISCS** — Begin sanding with a 200-grit disc (Abranet discs recommended). Work from 220-grit to 320, 500, and 600. Remove any dust and debris between grits with a soft microfiber cloth. Be sure to sand the top, sides, and rounded edges of your project. When sanding rounded edges of a table, do so by hand. Sand your project vertically then horizontally.

**2. CONTINUE TO HIGH-GRIT SANDING DISCS** — After 600-grit, switch to your fine-grit discs (Abralon discs recommended) and work from 500-grit to 1,000, 2,000, 3,000, and 4,000 grit. Remove dust and debris between grits with a clean and soft microfiber cloth. Be sure to sand the top, sides, and rounded edges of your project.

**3. POLISH YOUR PIECE** — Generously prepare your polishing surface, and buffing pad, with 4-6 dots of polish each. Dab the loaded buffing pad on your surface to distribute the polish evenly. Using steady, circular motions, polish your project in small, 2-foot sections. Continue to a new area and repeat buffing/polishing until satisfied with your shine. Using a clean and soft microfiber cloth, remove any residual compound from your polished area.

**4. FINISHING TOUCHES** — After polishing is completed, use a bright light to check for streaking. Using the light at an angle, move around your piece to find any hidden polish material. Thoroughly wipe away all leftover streaks with a clean microfiber cloth. If using your piece to serve food, thoroughly wash with dish soap and dry with a soft microfiber towel before serving.

## CLEAN UP & DISPOSAL

Tools can be cleaned with Isopropyl Alcohol 99% or a residue-free cleaner. Do not use soap and water. Dispose of product and container according to Federal, State and local regulations. Store any remaining product in the original bottles, tightly sealed and locked up in a cool, dry environment.

## SAFETY

**Safety:** Before use, thoroughly read Safety Data Sheets and product labels. Follow safety precautions and directions.

- Wear gloves
- Safety glasses
- Protect clothing with a work smock or other outer garment
- For cleaning surfaces, containers – use Acetone, rubbing alcohol or nail polish remover
- When stored separately, epoxy & hardener have long shelf lives – store in a cool dry area in tightly sealed containers

COMBUSTIBLE. Keep away from heat, sparks and open flames. In case of fire, use water spray, carbon dioxide, foam, dry chemical to extinguish.
CAUSES EYE IRRITATION: Repeated exposure may cause skin dryness or cracking.
KEEP OUT OF REACH OF CHILDREN. Not intended to be used by children under 13 years of age without adult supervision. Read cautions on individual containers carefully before using. Precautions: Avoid ingestion, eye, and skin contact.
PRECAUTIONARY STATEMENTS: Keep away from flames and hot surfaces. No smoking. Store in a well-ventilated place. Keep cool. Wash hands thoroughly after handling. Wear protective gloves/eye protection. Dispose of contents/container in accordance with local/regional/national regulation.
FIRST AID TREATMENT: If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water. If breathed in, move person into fresh air.
Complies with FDA CFR 175.300 when properly applied.

**DISCLAIMER:** The information contained herein is considered accurate; however, Alumilite makes no warranty regarding its accuracy. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.