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TECHNICAL DATA SHEET

HydroCast Pigments

HydroCast™ Dyes are high-concentration, opaque colorants specifically formulated for use with Alumilite's HydroCast casting compound. These vibrant dyes allow you to customize your castings with bold, even color—whether you're aiming for soft pastels or rich, saturated tones. Blend easily into the HydroCast mixture for uniform distribution and consistent results.

Applications:

- Add color to HydroCast casting compound for decorative or functional applications
- Use in artistic, crafting, or prototyping projects that require visually distinct castings
- Mix and match dye colors to create custom shades

Important Notes:

- Shake well before each use to ensure pigment consistency
- Always test color on a small batch before full-scale casting
- Store in a cool, dry environment away from direct sunlight
- Not intended for use in epoxy, silicone, or urethane systems—formulated exclusively for HydroCast

KEY FEATURES

- **Made for HydroCast:** Optimized for compatibility with HydroCast for smooth blending and consistent results
- **Vibrant & Opaque:** Rich color payoff designed for solid, non-translucent finishes
- **Highly Concentrated:** A little goes a long way—start with a few drops and build as needed
- **Customizable:** Easily mix dyes together to create your own unique color palette
- **Fun & Easy to Use:** User-friendly for both beginners and experienced casters

APPLICATION INSTRUCTIONS

1. Shake dye bottle thoroughly before use.
2. Add a small amount of dye directly into your mixed HydroCast compound.
3. Stir thoroughly to ensure even color distribution.
4. Adjust dye quantity to achieve desired color intensity.
5. For custom shades, blend multiple dyes before mixing into HydroCast.

BEFORE YOU BEGIN

Work Environment: For optimal results, work in a clean, dry, and dust-free environment with temperatures between 65–75°F. Avoid working in high humidity, as it can interfere with the silicone's cure. Good ventilation is recommended to aid in heat dissipation and ensure a consistent cure.

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.

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

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.