



Technical Data Sheet



Made in U.S.A.

Wicked Colors

Water-Based

Acrylic Resin

VOC 27.7 g/L Reg.

Edited January 1, 2020 – This tech sheet supersedes any other inconsistent information, including the label.

Description

Wicked Colors are fluid acrylic colors with specialized performance for airbrush and spray-gun application.

Wicked Colors cover semi-opaque out of the bottle due to high pigment volume. Extend with 4011 Reducer or 4004 Transparent Base for increased transparency.

Wicked Colors are made with a durable, acrylic resin and automotive-grade, lightfast pigments. Colors are suitable for interior and exterior applications.

For permanent, exterior paintjobs, top-coat Wicked Colors with a durable clear such as Createx UVLS Clears. Wicked Colors are compatible with any clear type, allow colors thoroughly dry before applying clear.

For application onto plastics, wood, any hard surface, adding 4030 Balancing Clear 10% per volume to colors is recommended. For washfast fabric and t-shirt painting, heat set colors. Refer to Textile Application Guide for more.

Products

Wicked Colors – Dry semi-gloss.

- Cover semi-opaque out of the bottle.
- Best for t-shirt and fabric painting.
- Same as Auto Air 4200 Series Transparent Colors.

Wicked Detail Colors – Dry matte.

- Cover transparent out of the bottle.
- Atomize finer with smaller tip-sized airbrushes at lower psi settings compared to Wicked Colors

Wicked Fluorescent Colors – Dry semi-gloss.

- Highly transparent.
- Not Lightfast! Not recommended for long-term or exterior applications.
- Same as Auto Air 4200 Series Fluorescent Colors.

Wicked Pearlized Colors – Dry satin.

- Cover semi-opaque out of the bottle.
- Best applied over a black, grey or white base.
- Same as Auto-Air Colors 4300 Series Colors.

4004 Transparent Base – Dries semi-gloss.

The colorless resin base to Wicked Colors.

- Add to extend paint for increased transparency while maintaining a higher viscosity compared with thinning with excess amounts of 4011 Reducer.
- Fabric primer: Apply direct to shirt to “lock down” fabric knap, allowing for tighter lines & cleaner colors
- Apply as light protective coating over Wicked Colors.
- Refer to 4004 Technical Data Sheet for more.

Compatibility

Wicked Colors are compatible with all other Createx paints and clears. Wicked Colors are also generally compatible with any other type of water-based and solvent-based paint.

When using Wicked Colors with solvent-based paints & clears, allow each to cure, (dry thoroughly for an extended period of at least 1 hour), prior to applying the next paint-type. Water-based and solvent-based may only be inter-coated, not directly mixed.

Mixing & Diluting Wicked Colors

Wicked Colors may be used out-of-the-bottle, or thinned with 4011 Reducer or 4013 Reducer, (former Wicked W100 is the same as 4011 Reducer).

Generally, Wicked Colors are thinned 10% - 25% per volume with 4011 Reducer for airbrushing. Thin in small increments until colors flow and atomize into fine droplets of color. For application with spray-gun or large tip-sized airbrushes, colors may be thinned about 10% per volume with 4011 Reducer.

Mixing & Diluting (cont'd.)

4011 Reducer is the standard thinner for Wicked Colors.
4013 Reducer is a new thinner which is compliant with jurisdictions including South Coast AQMD Rule 1401.

4030 Balancing Clear – add to Wicked Colors when painting plastics, leather, fiberglass and other hard-surfaces.

Mix 4030 Balancing Clear ~ 10% per vol. with Wicked Colors, then thin 10% - 25% per volume with 4011 or 4013 Reducer.

- Allow mix 10+ minutes before spraying for optimum flow, especially for spray-gun use.
- Refer to 4030 TDS for more information

Wicked Colors may be thinned with distilled or deionized water 10% per volume. Exceeding this amount may affect adhesion and drying times.

Storage

Only reduce Wicked Colors intended for use within 24 hours after mixing. Although Wicked Colors do not have a pot-life after mixing with 4011 & 4013 Reducers, or 4030 Balancing Clear, best consistency for spraying colors is within the first 48 hours after mixing.

Always keep colors air-tight when not pouring paint from the bottle and store away from direct light, i.e. in a paint cabinet or box in a closet.

Application

Refer to Hard Surface Application Guide and Textile Application Guide for complete application process.
Apply by airbrush, spray-gun or with a traditional brush.

Airbrush:

- Large / 0.5+ mm tip: Spray 40+ out of the bottle, thin 10% per vol. or more for lower psi settings.
- Medium / ~ 0.35mm: Thin 10% - 20% per vol.
- Small / 0.18 – 0.3mm: 20% – 30%+ per volume
- Wicked Detail and Fluorescent Colors will spray better with less reduction compared to standard & Pearlescent Colors.
- Reduction amounts are guidelines. Test what works best for atomization of colors onto surface sprayed.

Spray-Gun:

- Thin 5% - 10% per vol.
- 1.2 – 1.3mm tip-size ~ 22 - 25 psi inlet
- Mini-Gun: 0.8 – 1.2mm tip-size ~ 22 – 28 psi
- Wicked Pearlescent Colors spray better with a 1.3mm tip-sized spray guns that have a double-atomization tip such as Iwata LPH400.

Application (cont'd.)

Wicked Colors are multi-surface, durable colors for a wide variety of applications and paintjobs, both indoor and outdoor. Top-coat with a durable clear such as Createx UVLS Clears for exterior / outdoor applications, for a Gloss or Matte finish or to protect from repeated direct handling & contact.

Wicked Colors are compatible with a wide range of clear types, including solvent-based clears. For automotive refinishing, a catalyzed-urethane clear is often used. Always test first anytime using a new clear before top-coating an actual paintjob the first time using a new clear.

For application onto hard-plastics, glass and other hard-to paint substrates, apply UVLS 4050 Gloss Clear as an adhesive primer, then apply Wicked Colors after 4050 Clear has dried.

Drying times and Humidity

Estimated drying and curing times are set at 70 degrees F (21 deg. C) and 65% or less relative humidity (RH). Allow for extended drying and curing when painting in colder temperatures or more humid conditions.

Re-coat times are approximately 10 – 15 minutes.

Time to top-coating with a final clear should be 60 minutes at a minimum. Full cure is ~ 48 hours after colors dry.

Cleaning from Airbrush or Spray-Gun

Wicked Colors are best rinsed from the airbrush or spray-gun with 5618 Airbrush Cleaner or 4011 Reducer. Use 4008 Restorer as a rinse for final clean to remove dried paint.

Cleaning after Wicked Colors Cure

Wicked Colors should only be cleaned after the paint has thoroughly dried, best 48 hours. Use a solvent-based degreaser or odorless mineral spirits to clean Wicked Colors.

Health & Safety

Use in a well-ventilated area. Avoid contact with eyes. Wash hands thoroughly with soap and warm water after use. Do not ingest. When spraying or sanding, use a properly fitting NIOSH approved respirator per the manufacturer's instructions.

Eye contact: Rinse with clean water for 15 minutes. Seek medical attention.

Inhalation: Use in well ventilated areas and wear a NIOSH approved respirator.

Refer to Wicked Colors SDS for additional information.

Manufactured by:
Createx Colors
PO Box 120, 14 Airport Park Rd
East Granby, CT 06026

Available from:
Dixie Art Airbrush
www.dixieart.com
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