



# Technical Data Sheet



Made in U.S.A.

## Createx Airbrush Colors

### Water-Based Acrylic Resin

#### Description

Createx Airbrush Colors include Opaque, Transparent, Fluorescent, Pearlized and Iridescent Colors.

Colors dry to a semi-gloss finish.

Supple, yet durable acrylic resin is well suited for painting fabric, leather as well as a wide range of applications.

Createx Airbrush Colors are designed to cover and spray best with larger tip-sizes at higher psi settings compared to Wicked Colors and Illustration Colors which are better suited for fine-line performance through smaller airbrush tip-sizes at lower psi settings.

Createx Airbrush Colors are made with lightfast pigments, the same pigments used to create Wicked Colors, Illustration Colors and Auto Air Colors.

- Soft resin leaves more tack after curing, making taping and masking more difficult compared to Wicked Colors and Auto Air Colors which are non-blocking, with much less surface tack after curing.
- Adding 4030 to Createx Airbrush Colors greatly improves blocking resistance and lessens surface tack for improved masking performance. See 4030 info in this TDS for more.

#### Color Information

##### **Opaque Airbrush Colors**

Dry semi-gloss. Cover opaque in 2 – 3 coats depending upon color out of the bottle.

- Best sprayed with a 0.5mm / large tip-sized airbrush at higher psi settings, 35 – 45 psi.
- Thin 10 – 25% per volume 5601, 4011 or 4012.
- Not for small airbrush tip-sizes smaller than 0.35mm. Even when over-reduced, Opaque Colors work better with large tip-sizes.
- For Opaque Colors which can be sprayed through medium and small tip-sizes down to 0.18mm at under 20 psi; Createx Illustration Opaque Colors work best.

##### **Transparent Airbrush Colors**

- Suitable for large to medium airbrush tip-sizes, down to 0.3mm.
- Psi can vary per tip-size, best 30 – 45 psi.

- Can be used with tips smaller than 0.3mm with generous thinning. Best to add 5601 Transparent Base to greatly extend colors, then dilute 10 – 20% 4011 or 4012.
- Wicked Colors and Illustration Colors spray better through small tip-sizes at lower psi settings compared to Createx Transparent Airbrush Colors.

##### **Fluorescent Airbrush Colors**

- Not Lightfast! Not recommended for long-term or exterior applications.
- Tip: if using for an exterior finish (such as a helmet), first apply Createx Opaque Airbrush Colors (or AutoBorne Sealer) as a color-keyed base which will better hide any color loss. For example, 5405 AB Fluorescent Yellow over 5204 Opaque Yellow.
- Suitable for use with large to medium tip-sizes, 0.5mm – 0.3mm. Thin 10 – 20% per volume with 5601, 4011 or 4012.
- Psi can vary per tip-size, best 25 – 40 psi.
- Wicked Fluorescent Colors spray better through small tip-sizes at lower psi settings compared to Createx Airbrush Fluorescent Colors.
- Lower viscosity compared with other Createx Airbrush Colors. A little less thinning and lower psi settings compared to other Createx Airbrush Colors may work well.

##### **Pearlized Airbrush Colors**

- Cover semi-opaque. Best applied over a white, grey or black base. First apply Createx Airbrush Opaque Colors or AutoBorne Sealer.
- Best sprayed with a 0.5mm / large-tip-sized airbrush operated at 30 – 40 psi.
- For medium tip-sizes no less than 0.3mm, add 5601 Transparent Base 25 – 50%, then thin 10 – 20% 4011 or 4012.

##### **5601 Transparent Base**

The colorless resin base to Createx Airbrush Colors.

- Add to extend paint for increased transparency while maintaining a higher viscosity compared with only adding 4011 or 4012.
- Clear: Use as a light protective coating.
- Dries semi-gloss.
- Refer to 4004 Technical Data Sheet for more.

### **Mixing & Diluting Createx Airbrush Colors**

Createx Airbrush Colors may be used out-of-the-bottle or diluted with 5601 Transparent Base, 4011 or 4012. Refer to Color Information section of this TDS for specific thinning information.

### **Leather, Plastic, Hard-Surfaces - 4030 Balancing Clear**

When painting plastics, vinyl, leather, glass and hard-surface, mix 4030 Balancing Clear 10 – 25% per volume with color then dilute 5 – 10% per volume with 4011 or 4012.

- Allow mix 10 minutes before spraying for optimum flow, especially for spray-gun use.

### **General Use, Fabric & T-Shirt**

- Use out-of-the-bottle or dilute 5 – 10% 4011 or 4012
- Add 4030 Balancing Clear approx. 10% per volume to assist with adhesion onto leather, vinyl and other such flexible, non-porous substrates.
- Refer to Textile Application Guide for use as fabric & t-shirt paint.

### **Airbrush**

- Large tip-size: Out-of-bottle / 0.5mm / 45+ psi
- Medium tip-size: Dilute 4011 or 4012 10% per volume / 0.3mm / 35 – 45 psi
- Generally, the smaller the tip size, the lower the psi, the more 4011 or 4012 is added to paint.

### **Spray-Gun**

- 1.2mm tip size / 27 – 29 psi
- Mini-Gun: 0.8 – 1.2mm tip size / 30 – 35 psi

### **Drying times and Humidity**

Estimated drying and curing times are set at 70 degrees F and 65% or less relative humidity (RH).

- Allow for extended drying times in colder or humid conditions.
- Use less reducer to lower water-content of paint
- Use moving air, not heat, to assist drying

Re-coat times can vary. Createx Airbrush Colors are not designed for speed drying as are Wicked Colors. Adding 4030 assists in lowering drying times and improves performance in humidity.

### **Top-Coating with a Clear**

For a durable, exterior paintjob, Createx Airbrush Colors needs to be top-coated with a clear. Time to top-coating with a final clear should be 60 minutes at a minimum. Full cure is approximately 48 hours after drying.

Createx Scenix SSR Clears are an excellent option for long-term protection that is non-yellowing, chemical resistant and easy to use over Createx Airbrush Colors for a very durable finish. Refer to Scenix SSR Clear TDS for more.

Createx Clear Coats are excellent clear for art & hobby and light exterior applications. Refer to Createx Clear Coats TDS for more. A comparison sheet between Scenix and Createx Clears is also available.

5603 Matte Top Coat and 5604 Gloss Top Coat are softer, more textile specific compared with Createx Clear Coats. While the two are both acrylics, Matte and Gloss Top Coat work better on t-shirts and fabric while Createx Clear Coats are better for hard-surfaces, leather, vinyl and more.

- Best operated 25 – 35 psi with a 0.5mm tip-sized airbrush.
- Thin approximately 10% with 4011 or 4012 for use with medium tip-sizes, no less than 0.3mm.
- Dry with more “tack” compared to Createx Clear Coats which dry to a more block resistant coating.

### **Cleaning from Airbrush or Spray-Gun**

Spray 5618 Airbrush Cleaner, 4011 or 4012 through airbrush to rinse colors while painting and to flush from gun after painting.

- Use 4008 Restorer as a rinse for final cleaning.
- Use 4012 to rinse in between colors when mixing 4030 with Airbrush Colors.

### **Cleaning after Createx Airbrush Colors Cure**

Createx Airbrush 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 cured paint surface.

### **Pot-Life & Storage**

Createx Airbrush Colors do not have a pot life. Store air-tight in a cool, dry environment away from direct light. Long term storage of paint after adding 4011 or 4012 not recommended. Best stored in temperatures between 50 – 70 degrees F.

### **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 in well ventilated areas and wear a NIOSH approved respirator.

Refer to Createx Airbrush Colors SDS for additional information.

### **Warranty**

This product will perform as claimed if directions are followed. Warranty is limited to replacement or refund value of product. No other warranty is expressed or implied.

Manufactured by:



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