



Technical Data Sheet



Made in U.S.A

4012 - Medium Temperature Water-Based Paint Material VOC 36.1 g/L Reg. Contains 2-Butoxy Ethanol

Description

4012 is a dilutant used for thinning paint viscosity. Appears clear in the bottle.

Dilutant

Adding 4012 to paint: 1) assists drying times by flashing water from the paint, 2) reduces tip-dry.

Add 4012 to water-based paint to lower viscosity and assist drying. 4012 is intended for use with all Createx Colors paints. 4012 is generally added 5 – 10% per volume. Refer to paint or clear for further information.

Medium Temperature

For use in ambient conditions generally

60 – 80 degrees F (16 – 27 deg. C).

Use when painting in room temperature. When temperatures are greater than 80 degrees F (27 deg. C), use of 4011 is recommended, especially for spray-gun application.

4012 may dry paint too quick, resulting in minute “pellets” of acrylic, that generally looks like texture or seeding. 4011 may also decrease any tip-dry that occurs when airbrushing in hot temperatures.

Mixing

For optimized performance, after adding 4012, allow 10 or more minutes for the alcohol in 4012 to acclimate with the paint before spraying. 4012 breaks down the water’s surface tension which promotes flow and leveling. This is especially beneficial when painting with a spray-gun.

When adding 4030 Balancing Clear to paints, stir 4030 into paint first then add 4012. Stir mixture, do not shake on agitator. Always combine 4030 and 4012 in a mixing cup. Do not add 4030 or 4012 to paint in the airbrush or spray-gun cup then shake as this may “shock” paint creating a congealed paint mix.

Conditions - Temperature Range

Reduction Temperature Chart		
4011	4012	4020
80+ deg. F (27+ deg. C)	60 – 80 deg. F (16 – 27 deg. C)	Add to 4011 / 4012 in humid or cold conditions

- Painting under 55 degrees F (12 deg. C) not recommended, especially when applying with a spray-gun.
- 4020 primarily designed for humidity; it does help assist drying in lower temperatures, using less reducer will assist in overall drying times.

Drying Times

Estimated drying and curing times are set at 70 degrees F (21 deg. C) and 65% or less relative humidity (RH).

- Use air to assist curing and shorten drying times.
- Generally, more 4012 is added to paint in higher temperatures and less 4012 is added when painting in lower temperatures.
- Humid conditions – add 4020 to 4012 for assisted flashing. Making a cocktail by mixing 4012 1:1 4020 is recommended over using 4020 straight as 4020 may cause paint to cure / seed in the paint cup.

Use as Cleaner

Rinse airbrush or spray-gun with 4012 in between colors or as a final clean. Compared with 5618 Airbrush Cleaner, 4012 is stronger and works better, especially when 4030 Balancing Clear has been added to paint.

Do not use 4012 to clean spray-gun or airbrush when using Scenix paint or clear. Use water to clean when painting with Scenix. 4012 does not clean cured, dried paint. Use 4008 Restorer to remove cured paint from airbrush or spray-gun.

Pot-Life & Storage

After adding 4012, there is no pot life. However, the alcohol in 4012 flashes water from paint, so if left open paint will thicken due to accelerated evaporation.

Store paint in an air tight bottle after adding 4012. Keep in a cool dry box or cabinet away from sunlight and direct light. As bottles do allow for some exchange of air, evaporation may still occur over a prolonged storage period.

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.

Skin contact: Thoroughly wash with soap and warm water. Wearing gloves is recommended.

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 4012 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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