

#### DESCRIPTION

Aquathane UV Absorber is a high quality single component water based aliphatic urethane formulated for use as a protective topcoat clear over graphic arts work when resistance to the effects of long-term exposure to sunlight, weather and chemicals is a requirement. It dries to a durable, flexible finish that is abrasion, weather, gasoline, chemical and ultraviolet resistant. Available in Gloss, Satin and Flat.

#### ADVANTAGES

Aquathane UV Absorber exhibits excellent adhesion to treated and untreated vinyl, wood, coated metal, plastic and many other substrates. High strength UV protection keeps colors rich and vibrant.

#### RECOMMENDED USES

When properly applied Aquathane UV Absorber cures to a "water white", non-yellowing finish and therefore can be used directly on signs, murals, portraits and vinyl graphics. It is ideal for floors. Do not use over Gold Leaf. Non-Flammable, low odor.

#### PRECAUTIONS

**IMPORTANT:** Many artist colors, faux finish paints and mural paints have a weaker polymetric structure than Aquathane. Aquathane UV Absorber will attack weak painted finishes, causing cracking and/or lifting. Caution must be used when top coating all painted murals, vinyl signs and bulletins with Aquathane.

Before using Aquathane, perform a patch test to determine if it causes any cracking or lifting of the surface coating, to test adhesion and to determine that the clear gives the desired finish. It is especially important to test for clarity over dark colors and whites. Do not apply directly over oil based putty, faux finish glazes or uncured oil based paints.

#### SURFACE PREPARATION

All surfaces must be clean, free from loose or peeling paint, grease, oil, dirt, rust, mill scale and other contaminants. If this procedure is not observed, the drying and adhesion of any coating will be adversely affected.

**Vinyl Surfaces:** Pre-treat surface by wiping with isopropyl alcohol, then allow to dry fully before painting. Because there are many different types of vinyl, it is recommended that Aquathane be tested for suitability before using. To test, apply Aquathane to a small section, then let dry fully (8 hours). Apply a piece of tape to the coated area, then remove. Coating should not lift with the tape.

**Fiberglass, Glass, Ceramic, Other Glossy Surfaces:** Solvent wipe to eliminate oil, grease, etc. Slight sanding of surface will be beneficial. Prime with Ronan Prime-All.

#### APPLICATION

Follow surface preparation instructions. Mix gently before using. Do not shake/do not generate bubbles. If small bubbles persist, reduce with water (5%) to minimize the condition.

Apply by brush, roller or spray. Do not apply in heavy coats. Do not allow wet film to puddle. Excessive build will make the film slightly turbid. For best results, apply two (2) to three (3) thin coats. Allow each coat to dry thoroughly before applying another coat.

Brush with any good quality synthetic bristle brush. May be applied by roller (a short nap industrial roller sleeve will yield the best results). May also be spray applied with equipment intended for waterborne coatings. Refer to spray equipment manufacturer's recommendations.

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## AQUATHANE UV ABSORBER

<b>THINNING</b>	Do not thin under normal conditions. Use at full strength for maximum efficiency.
<b>CLEAN UP</b>	For spills, brushes and rollers, use warm water and detergent. Flush spray equipment after use with spray gun cleaner, then flush with large volume of warm water.
<b>DRY TIMES</b>	At 70°F and 50% relative humidity, Aquathane will be dry to touch in 90 minutes. Wait three (3) hours to handle and six (6) hours to recoat. Wait five (5) to six (6) days for a full cure. Dry times may take longer in cooler and/or more humid conditions.
<b>APPLICATION CONDITIONS</b>	Minimum temperature: 60°F Maximum temperature: 95°F Maximum humidity: 85%
<b>FINISH</b>	Gloss (80-90 measured at 60°) Satin (20-30 measured at 60°) Flat (5-7 measured at 60°)
<b>WEIGHT PER GALLON</b>	8.7 lbs (approximate)
<b>SOLIDS %</b>	33% by weight
<b>VISCOSITY</b>	55-60 KU at 75°
<b>THEORETICAL COVERAGE</b>	Approximately 400 square feet at 3 mils wet
<b>SPREAD RATE</b>	540 square feet @ 1 mil dry
<b>PACKAGING</b>	US Gallon (128 fl oz), 4/case US Quart (32 fl oz), 6/case
<b>STORAGE TEMPERATURE</b>	Minimum: 50°F Maximum: 95°F
<b>SHELF LIFE</b>	Two (2) years
<b>VOC INFO</b>	Will not exceed 350 grams/liter (2.92 lbs/gallon)
<b>CAUTIONS</b>	Keep from freezing. Read Safety Data Sheet and/or all warnings on the label before handling or using this product.
<b>PRODUCT WARRANTY</b>	All recommendations for the use of Ronan products are based on tests and experience believed to be reliable. It is the responsibility of the purchaser to determine the suitability of this product for its intended use. Since the methods of use, conditions of application and the application itself are beyond the manufacturer's and seller's control, product warranty is restricted to replacement of defective materials only. No other warranty, written or oral, is expressed or implied.
<b>REVISION DATE</b>	July 1, 2018