

# ac products, inc.

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## AC-940-BLUE TEMPORARY PROTECTIVE COATING

### GENERAL INFORMATION

AC-940-BLUE will cure to a tough protective plastic film, which can be easily peeled off by hand when no longer required. AC-940-BLUE is a waterbased liquid coating that can be applied by airless spray, conventional air spray (may require thinning with water), or by brush or roller. Use AC-940-BLUE as you would other waterbased paints. Clean up with water.

Primarily used to protect fiberglass parts and molds. Protects tubs, showers, boat decks, hull liners, plastic parts and most other non porous surfaces from paint, plaster, sealants, resins, polyurethane foam and abrasives during construction, storage, transportation and repair. AC-940-BLUE has been used to protect the following surfaces: Gelcoat, Acrylic, Polycarbonate, Glass, Aluminum and Stainless Steel. AC-940 is not recommended for coating raw mild steel.

### PRODUCT CHARACTERISTICS

APPEARANCE (Wet).....	Lt. blue Viscous Liquid
APPEARANCE (Cured AC-940) .....	Translucent blue film
COVERAGE (SQ. FT./MIL OF DRY FILM/GAL) .....	540
WEIGHT (POUNDS PER GALLON).....	9.0 ± 0.2
STORAGE LIFE (IN CLOSED CONTAINER) .....	6 Mo. @ 80°F. ± 30°F.
MINIMUM FILM FORMING TEMPERATURE.....	50°F.
RECOMMENDED DRY FILM THICKNESS.....	6 to 8 mils.

### PRODUCT PACKAGING

Products are furnished in 5-gallon plastic pails, 55-gallon drums and 330-gallon disposable containers.

STORAGE - Store at temperatures above 50°F. and below 110°F.

PRODUCT APPLICATION - See attachment for product application methods.

CURE CYCLE - This product cures with the evaporation of water. Air cure time will vary depending on wet film thickness and atmospheric conditions (temperature, air velocity, and relative humidity). Dry times may be decreased by optimizing these conditions. Consult your product representative for further information.

### PRODUCT PRECAUTIONS

**WARNING! CONTAINS MODIFIED ACRYLIC LATEX AND AMMONIA. DO NOT ALLOW PRODUCT TO FREEZE! KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.** Avoid prolonged contact with skin. Use with adequate ventilation. While spraying, wear a suitable respirator to prevent inhalation of overspray and vapors. Keep container closed when not in use. **CONSULT MATERIAL SAFETY DATA SHEET FOR HANDLING AND SAFETY INFORMATION.**

- DO NOT allow the product to freeze. Frozen liquid material cannot be rejuvenated and will not function properly.
- DO NOT apply the product to surfaces other than those specifically noted prior to thoroughly testing.
- DO NOT apply the coating too thin. This will result in a weak discontinuous film, which will be difficult to remove and offer no protection
- DO NOT apply the coating when it will be exposed to rain, moisture or freezing temperatures before it can fully cure.

- DO NOT attempt to peel the coatings at extreme temperatures. They will peel easily at normal room temperature.
- DO NOT apply the coating over small, intricate or delicate parts such as whirlpool jets, strainer fittings or window tracks. These parts should be masked with plastic film or tape as the coating will be difficult to remove.
- DO NOT attempt to use the product as a waterproof coating. With time water will be absorbed into and pass through the coating. Standing water may eventually lift the coating off the surface of the part. Not recommended for open truck transport.

**PRODUCT USE INSTRUCTIONS**

**GENERAL:** The following directions and recommendations are intended to serve as a guide and may require modification to meet local conditions.

**MIXING:** None required.

**THINNING:** Use as received. Do not thin.

**SURFACE**

**PREPARATION:** The substrate must be clean and dry to accept the protective coating properly. Loose debris, dust, or other contamination may degrade product effectiveness and peelability.

**NOTE: CONSULT MATERIAL SAFETY DATA SHEET FOR HANDLING AND SAFETY INFORMATION.**

**AIRLESS SPRAY APPLICATION**

**Note:** This product has been formulated to provide optimum one coat coverage without running or sagging on vertical surfaces with airless spray equipment.

Airless spray equipment capable of generating a fluid pressure of 2000-2500#. Select a tip size suitable for your application and equipment capabilities. Adjust the fluid pressure to achieve proper atomization and spray pattern.

**BRUSH APPLICATION**

Brush on as heavy a coat as possible moving in one direction and allow to dry. A second coat may be required. Apply the second coat perpendicular to the first to obtain a strong, uniform film.

**CONVENTIONAL AIR SPRAY APPLICATION**

Conventional air spray equipment may be used. Some products may require the use of a larger fluid nozzle and/or thinning with water to spray. Note that the addition of water will require you to apply more material to obtain the desired dry film thickness and will increase the time to dry the coating. Use as little water as possible.

Dry film build required in mils.	4	5	6	7	8	9	10	12
Wet mils to apply.	12	15	18	20	24	26	29	35
**Square feet of coverage / gallon.	135	108	90	77	67	60	54	45

\*\* Theoretical Coverage – Actual coverage may be slightly lower due to transfer efficiency factors.

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