

# ARDROX<sup>®</sup> 345-N

## Liquid Temporary Protective Coating

---

### PRIMARY APPLICATION

ARDROX<sup>®</sup> 345-N Aerosol is a solvent-based acrylic which cures at ambient temperature. The coating is hard, smooth, and tightly adherent to cured Ardrox TPC water-based coatings making it readily applicable as a touch-up material over cured Ardrox TPC films. Ardrox 345-N Aerosol cures fast and has excellent resistance toward blocking, with easy removability with water-based alkaline strippers.

### CHEMICAL CHARACTERISTICS

Coating Type.....	Acrylic Copolymer
Appearance.....	Transparent Green
Shelf Life.....	1 year when stored at 40° to 100° F
Theoretical % solids by weight.....	14.6
Theoretical % solids by volume .....	10.2 Recommended Film Thickness 1.0 mil
Theoretical Coverage 15 1.0 mil 163 sq ft/gal.....	12 sq ft/aerosol can (14 oz net)
Flash point .....	-4° F, TCC
Dry to Handle at 75° F `d5EF, 50% RH .....	10 Minutes
Dry to Stack at 75° F `d5EF, 50% RH.....	45 Minutes

### DRY FILM PROPERTIES

Anti-blocking .....	Excellent
Water .....	Excellent
Solvent Resistance.....	Poor
Acid Resistance.....	Fair
Alkali Resistance.....	Poor
UV Resistance.....	Good

This information is only a guide. For specific recommendations, contact Chemetall Americas.

### APPLICATION INSTRUCTIONS

1. Surface must be free of grease, rust, dirt, and wax. Mask off or protect other areas from over-spray.
2. Warm the can to room temperature.
3. Shake until ball inside the can breaks loose and rattles. Then hold can at top and swing bottom of can in a circle for 3 minutes, making ball travel around bottom groove of can. Give an occasional up-and-down shake.
4. Repeat shaking procedure for 10 seconds after each minute of spraying.
5. Test spray on scrap surface to determine proper distance. If can is held too close, bubbles and running will result. If too far away, coverage will be thin, spotty and dry.

6. Move can with short *dusting* strokes, allowing paint to become tacky between light mist coats.
7. Never spray with valve only partly open. Press all the way down. Keep fingertip out of spray.
8. After completing job, clean valve by holding can upside down and spraying until only clear gas is emitted.
9. To use entire contents, hold sprayhead and rotate can until material sprays.

## SAFETY AND HANDLING

Prior to handling and use of any of the materials referenced in this document, the Material Safety Data Sheets should be read and understood by all personnel in contact with these materials.

## KEEP OUT OF REACH OF CHILDREN

## STORAGE

Dry indoor storage at temperatures between 40°F and 100°F (4.4°C and 37.8°C) is recommended, away from any incompatible materials referenced in the Material Safety Data Sheets. All containers should be tightly closed when not in use.

## SHELF LIFE

The shelf life is 1 year.

## DISPOSAL

Any disposal of the materials referenced in this document should be in accordance with all applicable federal, state, providential and local regulations. The process solution can contain components other than those present in the materials as supplied. Analysis of process solutions may be required prior to disposal.

Chemetall US, Inc. ("Chemetall") warrants that this product or products described herein will conform with its published specifications. The products supplied by Chemetall and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Chemetall materials for their own purpose. Since buyer's conditions of use of products are beyond Chemetall's control, Chemetall does not warrant any recommendations and information for the use of such products. CHEMETALL DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS PRODUCTS.

**Chemetall**



ISO 9001/FM 93653