

Product Data Sheet



PPG Industries, Inc.
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Corafalon™ ADS Clear

Product Information

Product Code: The product code for Corafalon ADS Clear Component A is ADS1000 with the gloss designation at the end (030, 050, 080). ADS1B is Component B Curing Agent.

Product: Component A is formulated using only 100% FEVE (fluoropolymer) resins. Component B is an aliphatic isocyanate.

Suggested Use: Corafalon™ ADS Clear is a two component fluoropolymer finish that provides excellent color retention and chalk resistance. Corafalon ADS Clear is intended for use over certain colors and all metallic intermediate coats. Please contact Technical service for specific recommendations.

Product Description

Color: Clear

Gloss 60°: 30, 50, 80

VOC: 30 = 352 g/L (2.94 lbs/Gal)
50 = 359 g/L (2.99 lbs/Gal)
80 = 401 g/L (3.35 lbs/Gal)

Flash Point: Component A 78°F (26°C)
Component B 117°F (47°C)

Package: Corafalon ADS Clear is available in one gallon and 32 ounce mixes.

Drying Schedule

Air Dry @ 77°F(25°C) ASTM D5895, 50% RH

Set to Touch: 1 to 2 hours

Dry to Handle: 10 to 12 hours

Dry to Recoat: 4 hours

Additional Information: Apply only when air, product and surface temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point.

Drying times listed may vary depending on temperature, humidity and air movement.

Application Data

Substrate: Dimensionally stable

Substrate Preparation: The service life of the coating is directly related to the surface preparation. The surface to be coated must be properly prepared, dry, clean and free of all contamination.

Preparation varies with the substrate to be coated. Consult Technical Service for specific recommendation.

See WARNING in Additional Information section of page 2.

Basecoat: The appropriate primer must be used for the substrate to be coated. Corafalon™ ADS Primers are available for use on various substrates. Consult Technical Service for specific primer recommendation.

Intermediate Coat: Certain colors and all metallic finishes of Corafalon™ ADS. Please contact Technical Service for Specific recommendations.

Application Method: Air or electrostatic spray application preferred. Consult Technical Service for airless spray application recommendations.

Air Spray: DeVilbiss MBC gun, 704 or 777, air cap with "F" tip and needle or equivalent. Atomizing pressure 55-70 psi.

See** comments on page 2.

Parts Base by Volume: 16.2 parts Corafalon ADS Clear Component A

Parts Catalyst by Volume: 1 part ADS1B Component B

Digestion Time: None required

Pot Life: 4 hours at 77°F (25°C)

Clean Up Solvent: ADS705, ADS706, aromatic or ketone thinners.

Mixing Instructions: Agitate Corafalon ADS Clear Component A thoroughly prior to blending. Add ADS1B Component B to Corafalon ADS Component A and mix well. Thoroughly drain curing agent from its container to insure proper mix ratio. No digestion time is required.

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Coraflox™ ADS Clear

Additional Product Information

60 Degree Gloss	Weight Per Gallon (mixed)	Percent Weight Solids (mixed)	Percent Volume Solids (mixed)	Coverage Square Feet per Mixed Gallon ¹
30 Percent	10.7 +/- 0.5	51.2 +/- 3.0	42.8 +/- 3.0	343 to 457
50 Percent	10.6 +/- 0.5	48.9 +/- 3.0	41.2 +/- 3.0	330 to 440
80 Percent	10.0 +/- 0.5	35.9 +/- 3.0	32.7 +/- 3.0	262 to 349

Additional Application Information

60 Degree Gloss	Percent Volume Solids at Application (thinned)	Dry Film Per Coat (mils)	Wet Film Per Coat (mils) (thinned)	Thinning Recommendation
30 Percent	32.9 +/- 3.0%	1.5 to 2.0	4.6 to 6.1	Thin up to 30% with ADS706 Exempt Thinner.
50 Percent	31.7 +/- 3.0%	1.5 to 2.0	4.7 to 6.3	Thin up to 30% with ADS706 Exempt Thinner
80 Percent	29.7 +/- 3.0%	1.5 to 2.0	5.1 to 6.7	Thin up to 10% with ADS706 Exempt Thinner.

Additional Information

¹Coverage figures do not include loss due to mixing, transfer or application of the coating.

Coraflox ADS Metallic finishes containing aluminum pigmentation will require Coraflox ADS Clear Coat in specified sheen to achieve maximum performance and durability.

Coraflox ADS Clear Component A contains an exempt solvent that is not included in the VOC calculation as allowed in EPA Method 24.

Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-441-9596. Not for residential use.

****Spray equipment must be handled with due care and in accordance with manufacturer's recommendation.**

****High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital.**

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

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