



# PPG Coil Coatings Product Data Sheet

PPG INDUSTRIES, INC., COATINGS AND RESINS, 125 COLFAX STREET, SPRINGDALE, PENNSYLVANIA 15144

Product: ENVIRON® for aluminum

Location: Springdale, PA

Suggested Use: A water based topcoat designed for roll coat application over properly cleaned and primed aluminum substrate.

## PRODUCT DESCRIPTION (As Shipped)

Viscosity: 35 to 45 Sec.# 2 Zahn cup@ 80°F (26.7°C)

Flash Point 120°F (49°C) (Pensky-Martens)

Lead Content: <.06 % (Lead Metals as % Non Volatile)

VOC = 1-2 lbs/gal +/- 0.5 depends on colors  
(119-240 gm/lit.)

Wt/Gal. 9.5 - 11.5 lbs. ( 1.14 - 1.37 kg./lit.)

Contains Lubricant Yes

Ph: 7 - 9

### Whites & Pastels

### Mid-tone & Dark Colors

Theoretical Solids by Wt %

54% +/- 2%

52% +/- 1.5%

Theoretical Solids by Vol %

46% +/- 2%

44% +/- 1.5%

Theoretical Coverage/Gal at .8 mil per Sq. ft

880 - 970

850 - 920

Theoretical Coverage/Gal at 20 Microns per Sq. M

9472 - 10540

9150 - 9900

## PHYSICAL PROPERTIES

Gloss: 12-30 @ 60° / 6-40 @ 85°

Hardness: HB Minimum Eagle Turquoise

Film Thickness: .70 -.80 mils Dry  
(18 - 20 Microns Dry)

1.63 - 2.00 mils Wet  
(41 - 51 Microns Wet)

Cure Test: 50+ Double MEK Rubs

Reverse Impact: 40 in-lbs No Pickoff (461 m - gm)

Flexibility: 2T Bend: No pickoff

## SUGGESTED APPLICATION DATA

Substrate: Aluminum

Reducer: Water

Clean Up: Water followed by MEK

## LABORATORY CURE\*

Peak Metal Temperature 420°F (216°C)

Oven Temperature As Required

*\*Peak metal temperature may vary due to dwell time. Line oven temperature and dwell time must be correlated with laboratory cure schedule.*

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