



# Rival™ Topcoat (RV35 quality)



## GENERAL

### DESCRIPTION

A 3.5 lb/gal (420 g/l) VOC, two-component, economy topcoat designed for overall applications. It features good color capability in both solid and metallic formulas, good performance and good appearance.

### SUGGESTED USES

- Overall applications
- Commercial vehicle bodies, trucks, trailers and other applications where good performance and appearance is required

### COMPATIBILITY WITH OTHER COATINGS

- Compatible with all Axalta Commercial Transportation undercoat systems.
- Compatible with Axalta Rival RV500 Clearcoat

### NOT RECOMMENDED FOR

Immersion Service or use over lacquer finishes.

### DRY FILM CHARACTERISTICS

Chemical Resistance	VERY GOOD
Weatherability	VERY GOOD
Humidity Resistance	EXCELLENT
Acid Resistance	VERY GOOD
Alkali Resistance	VERY GOOD
Solvent Resistance	GOOD
Abrasion Resistance	VERY GOOD
Flexibility	EXCELLENT

### FACTORY PACKAGE COLORS

N0001RV35	Black	Full gallon size
N0006RV35	White	Full gallon size

The products referenced herein may not be sold in your market. Please consult your distributor for product availability.



## MIXING

### MIX RATIO

Thoroughly mix prior to activation. The use of a Cyclone® shaker is recommended. Combine components and mix thoroughly. Filter material prior to spray application.

Component	Volume
Rival™ RV35 Topcoat	6
RV135™ Activator	1

### ADDITIVES

#### Increased cure rate:

Add up to 2 oz. 389S™ Accelerator per RTS gallon.

### VISCOACITY

10-20 seconds in a Zahn #3, color dependent.

### INDUCTION TIME

No induction time required.



**POT LIFE - 70°F (21°C)**

60 minutes as activated  
90 minutes with 389S™ accelerator



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**APPLICATION**

**APPLICATION EQUIPMENT**

Refer to spray equipment documentation for setting recommendations.  
Pressure Pot (recommended)  
Gravity Feed  
Suction Spray  
Air-Assisted Airless

**APPLICATION CONDITIONS**

Do not apply if material, substrate or ambient temperature is less than 50°F (10°C) or above 110°F (43°C). The substrate must be at least 5°F (3°C) above the dew point. Relative humidity should be below 90%.

**APPLICATION**

- Pressure pot application is recommended. Fluid delivery should be set for 10-12 ounces per minute.
- Apply using a cross-coat technique - a wet coat using a top-to-bottom motion and a medium-wet second coat using a side-to-side motion. Flash 30 seconds to 5 minutes between coats. In general, the shorter the flash the smoother the appearance.
- When recoating Rival™ Topcoat with itself, sanding is required if the enamel has air dried more than 16 hours or has been force dried.
- Rival topcoat can be clearcoated as a color coat / clearcoat option with RV500 Clearcoat. See RV500 technical data sheet for information and recommendations.

**APPLICATION SOLVENTS**

Ready-to-spray VOC is below 3.5 lbs. /gal VOC upon activation. Further reduction may result in greater than 3.5 VOC.

**ADDITIONAL COMMENTS**

Heating activated material above 110°F (43°C) will cause gelation.

**CLEANUP SOLVENTS**

130™ Acetone  
105™ Lacquer Thinner  
107™ Low VOC Gun Cleaner  
108™ Low HAPS Cleaning Solvent



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**DRY TIMES**

**AIR DRY**

Cure Time At Recommended Thickness – 77°F (25°C) and 50% RH

	No Accelerator	With 389S™
Dry to Touch	3-5 hours	2-3 hours
Tack Free	6-8 hours	3-4 hours
Tape Free	10-12 hours	4-6 hours
Dry to Assemble	72 hours	36 hours

**FORCE DRY**

30 min at 140°F (60°C) after a flash time of 15 min following application of final coat.



## PHYSICAL PROPERTIES

Maximum Service Temperature:	200°F (92°C) in continuous service
Weight Per Gallon (component only)	Various
Weight Per Liter (component only)	Various
Suggested Dry Film Thickness	1.8 – 2.2 mils
Gloss	High
Color	Available in Solid and Metallic Colors
Flash Point (Closed Cup)	See MSDS/SDS
Shelf Life	12 months minimum

### RTS mixed 6:1 with:

#### Includes 389S

	RV135
Gallon Weight pounds per gallon - Average	8.77
Gallon Weight grams per liter - Average	1051
VOC AP pounds per gallon - Maximum	2.7
VOC AP grams per liter - Maximum	321
VOC LE pounds. per gallon - Maximum	3.4
VOC LE grams per liter - Maximum	405
Weight Solids - Average	52.2%
Volume Solids - Average	43.1%
Weight Volatiles - Average	47.8%
Weight Water - Average	0.0%
Volume Water - Average	0.0%
Weight Exempt Solvents - Average	17.3%
Volume Exempt Solvents - Average	20.3%
Theoretical Coverage per RTS Gallon at 1 mil DFT	692 ft <sup>2</sup> (64.3 m <sup>2</sup> )

## VOC REGULATED AREAS

These directions refer to the use of products which may be restricted or require special mixing instructions in regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.

## SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS/SDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

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