



TECHNICAL DATA SHEET

**50 STATE SATIN WHITE  
VSW-1**

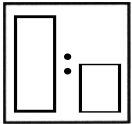
**Description**

**50 State Satin White** is a 2 component acrylic urethane coating that is 2.8 V.O.C. compliant. This product is compliant for California. It mixes 4:1 with **VACTR-4** or **VACTS-4**. **VS-1** is an excellent coating for restoration, striping, coating frames, engine compartments, or any place a primer like coating is needed. This coating formulated to withstand the same atmospheric conditions as any single-stage urethane system.



**Use suitable respiratory protection**

Axis recommends to use fresh air supply respirator



4 VSW-1 50 State Satin White  
1 Vintage Satin Activator

Activators: Regular (VACTR-4) or Slow (VACTS-4)

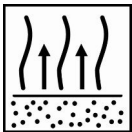


1 full wet coat followed by 1 medium coat



HVLP gravity

1.3mm – 1.4mm 8-10 psi at fluid tip  
Check gun manufacturer specification



Between coats: 5 - 10 Minutes

10-15 Minutes (Dust Free - depending on temperature and activator selection)

10-15 Minutes (Tack Free)



6-8 Hours (Delivery)

Air Dry @ 72°F

MANUFACTURED FOR / FABRICADO PARA:

Axis™ - Liberty Bell Equipment Corp. 810 N. Jefferson Ave. St. Louis, MO 63106 Phone/Teléfono (888) 646-1400 www.axiscoatings.com



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# 50 STATE SATIN WHITE VSW-1

### DESCRIPTION:

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### FEATURES:

- Even Satin Finish
- Excellent leveling
- Excellent adhesion
- Excellent chemical resistance
- Flexible
- Long-term durability
- Guaranteed performance

### COMPATIBLE SURFACES:

- Rigid plastics
- Self-etch and epoxy primers
- Polyester and urethane primers
- OEM finishes

### INSTRUCTIONS:

Make sure product is at room temperature 72F (22.2C) before mixing

### GUN SETUP:

Conventional Gravity	1.3mm -1.4mm	40-45 psi @ gun
Siphon	1.3mm -1.4mm	40-45 psi @ gun
HVLP gravity	1.3mm -1.4mm	8-10 psi @ gun

*\*Fluid Adjustment for 1.3 mm nozzle—turn out 3 full turns*

*\*Fluid Adjustment for 1.4 mm nozzle---turn out 2 ½ turns*

### PREPARATION:

Surface should be cleaned of all grease, oil, dirt, rust, etc before applying **50 State Satin White**. If necessary clean surface with an engine cleaner to remove heavy deposits of grease and oil. Wash area with soap and warm water. Thoroughly clean area with a **Waterborne Cleaner**. **Waterborne Cleaner** must be used where VOC restrictions apply.

#### **Cold Rolled Steel, Galvanized Steel & Galvaneal:**

Sand area with 180-220 grit sandpaper. Clean again with **Waterborne Cleaner**

#### **Aluminum:**

Scuff surface with a red scuff pad or equivalent. Clean again with **Waterborne Cleaner**

**Do not use coarse grit sandpaper.**

Apply Pre-treatment primer and allow to cure. Apply primer surfacer and allow to cure. Sand primer surfacer with 180-220 grit sandpaper. If applying a sealer over the primer surfacer, finish sand with 320-400 grit sandpaper. If applying **VSW-1** directly over the primer surfacer, finish sand with 400-500 grit sandpaper. **VSW-1** can also be applied directly over a pre-treatment primer (Self-Etch primer and Epoxy Primer).

### MIXING:

Shake well before mixing. Mix 4 parts **50 State Satin White** to 1 part Activator according to temperature and area.

#### **2.8 V.O.C. Compliant**

**VACTR-4** Regular Activator Vintage Satin

**VACTS-4** Slow Activator Vintage Satin

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**APPLICATION:**

1. Apply 1 full wet coat followed by 1 medium coat. Allow 5-10 minutes flash time between coats.

Dry Times:  
 Dust Free: 10-15 minutes depending on temperature and activator selection  
 Tack Free: 10-15 minutes  
 Force Dry: N/A  
 Delivery: Air Dry 6-8 hours  
 Bake: N/A  
 Time to stripe:  
     Air Dry 6-8 hours (special care should be taken for first 24 hours)

Time to decal:  
     Air Dry 24 hours

Time to recoat  
     Air Dry 24 hours @ 70°F After

*If recoating after 24 hours, scuff sand with 1200-1500 grit sandpaper before recoating.*

**TIPS FOR SUCCESS:**

For higher gloss apply 2 full wet coats instead of 1 full wet coat followed by 1 medium coat.

**TECHNICAL DATA**

Color	Satin White
Activator/Hardener	VACTR-4 Regular VACTS-4 Slow
Reducer	AUR-0600 will increase VOC; ZR-0670,ZR-0680, ZR-0690, and ZR-0695 will not
Mix Ratio	4 : 1
Pot Life	1 hr. @ 72°F (22.2°C) 50% RH
Number of Coats	1 Fill Wet Coat followed by 1 medium wet coat
Flash Time--Air Dry	5 – 10 minutes
Force Dry	5 – 10 minutes
Dust Free	10 – 15 minutes
Dry to Sand 70°F (21°C) 50% RH	N/A
Delivery--Air Dry	6 – 8 hours @ 72°F (22.2°C)
Force Dry	10 minutes @ 120°F (49°C)
Force Dry (metal temperature)	N/A
Gun Set-Up Gravity Feed (HVLP)	1.3mm – Turn out 3 full turns 1.4mm – Turn out 2 1/2 full turns
Air Pressure @ Gun, HVLP	8 – 10 psi
Air Pressure @ Applicator Gun	40 -45 psi
Dry Film Thickness / coat (DFT)	N/A
Regulatory Limits	
Regulatory V.O.C.	5.0 lbs/gal (600 g/l)
Actual V.O.C.	4.93 lbs/gal (5.91 g/l)
Sprayable V.O.C	4.93 lbs/gal (5.91 g/l)
%Solids Sprayable by Weight	34%
Coverage Sq. Ft. / gal @ 1 mil*	481
Package	
CP-5810 Hot Rod Black Satin Activators	Gallons and Quarts Quarts and ½ pints
Number per case	2 – Gallons / 6 – Quarts 6 – 32 oz. activators / 6 – ½ pints activator
Shelf Life	12 months

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**VOC / Regulatory information**

**Notice:** Do not handle until the Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

**HEALTH & SAFETY**

**See Safety Data Sheet and labels for additional safety information and handling instructions.**

- The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels and SDSs of all component, since the mixture will have the hazards of all its parts.
- Improper handling and use, for example, poor spray technique, inadequate engineering controls, and/or lack of Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- Provide adequate ventilation for health and fire hazard control.
- Follow company, product SDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS.
- Always observe all applicable precautions and follow good safety and hygiene practice.

**Revision Date:** January 13th 2020

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