

## **V-312 WATER REDUCIBLE SATIN BLACK**

## **TECHNICAL DATA SHEET**

**PRODUCT DESCRIPTION:** V-312 Water Reducible Satin Black is formulated with a special chain stopped alkyd resin for excellent adhesion and resistance. Coating is designed to dry fast, with recoat if necessary within 2-4 hours depending on ambient temperatures.

**INTENDED USES:** V-312 is formulated for use on properly prepared substrates such as metal. Its primary use is a fast dry equipment enamel, where a quality product is desired for extended durability. Other intended uses are for ornamental ironwork, structural steel, and construction equipment.

**SURFACE PREPARATIONS:** For best results it is important that all surface contaminants, such as moisture, oil, dirt, rust and mill scale be removed before application. V-312 can be applied to either blasted, hand or power tool cleaned steel. A minimum of SSPC-2 hand tool cleaning required.

## **PHYSICAL INFORMATION**

**COLOR:** BLACK

**GLOSS:** SATIN

**SOLIDS BY WEIGHT:** 37%

**RECOMMENDED DRY FILM THICKNESS:** 1.5-2.0 MILS

**THEORETICAL COVERAGE:** 400-500 SQ FT PER GALLON

**METHOD OF APPLICATION:** AIRLESS SPRAY, AIR SPRAY

## **DRYING TIME @ 72 F**

**TO TOUCH:** 30-60 Minutes

**TO HANDLE:** 60-120 Minutes

**TO RECOAT:** 2-4 Hours

## **REGULATORY DATA**

**FLASHPOINT:** 202 F

**PRODUCT WEIGHT:** 9.13

**MATERIAL VOC:** 1.16 POUNDS PER GALLON / 140 GRAMS PER LITER

**COATING VOC:** 2.71 POUNDS PER GALLON / 325 GRAMS PER LITER



## APPLICATION

**MIXING:** This material is a one-component coating and should always be mixed thoroughly with a power agitator before application.

**MIX RATION:** Not applicable

**WORKING POT LIFE:** Not applicable

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**AIRLESS SPRAY: Suitable**

Tip Range 15-17 thou (0.38-0.43mm)  
total output fluid pressure at spray tip not less than 2,500 P.S.I.

**AIR SPRAY: Suitable**  
**(Pressure Pot)**

Gun	DeVilbiss	MBC or JGA
Air Cap	704	
Tip	E	

**BRUSH: Not Suitable**

typically 1.5-2.0 mils can be achieved. Care should be taken to avoid under application.

**ROLLER: Not Suitable**

typically 1.5-2.0 mils can be achieved. Care should be taken to avoid under application.

**THINNER:**

Do not thin more than allowed by local Environmental legislation when applicable.

**CLEANER: Water**

**WORK STOPPAGES:** Thoroughly flush all equipment with water. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or viscosity increase of the material after storage. Material should be filtered prior to use.

**CLEAN UP:** Clean all equipment immediately with water. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations legislation.

## SYSTEM COMPATIBILITY:

The following primers are recommended for this topcoat

Water Reducible Primers

Alkyd Primers

Epoxy Primers

## SHIPPING & STORAGE

**NUMBER OF COMPONENTS:** 1

**PACKAGED IN:** 55-Gallon Drums, 5 Gallon Pails, and 1 Gallon Cans.

**STORAGE TEMPERATURE:** Minimum 20 F. Maximum 110 F