



## **V-2047 HIGH SOLIDS CLEAR URETHANE**

## **TECHNICAL DATA SHEET**

**PRODUCT DESCRIPTION:** V-2047 High Solids Clear Urethane is a two component urethane coating with excellent gloss and color retention. Cures to a very tough, abrasive resistant film with exceptional exterior durability, chalk resistance, color stability, and long term gloss retention. Excellent resistance to atmospheric exposure. Highly resistant to abrasion, impact and chemicals. Air dry or force dry curing. Material can be adjusted for gloss differences and/or texturing capabilities. Offered in a full range of colors or customer specific. Non-photo reactive.

**INTENDED USES:** V-2047 is a topcoat and/or clear base for tinting dark colors for primed structural and miscellaneous steel. Its primary use is a fast dry high performance coating for corrosive environments.

**SURFACE PREPERATIONS:** For best results it is important that all surface contaminants, such as moisture, oil, dirt, rust and mil scale be removed before application. V-2047 can be applied to either blasted, hand or power tool cleaned steel. A minimum of SSPC-2 hand tool cleaning required.

### **PHYSICAL INFORMATION**

**COLOR:** CLEAR & TINTABLE

**GLOSS:** GLOSS

**SOLIDS BY WEIGHT:** 56%

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

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

**METHOD OF APPLICATION:** AIRLESS SPRAY, AIR SPRAY, BRUSH AND ROLLER

### **DRYING TIME @ 72 F**

**TO TOUCH:** 30 MINUTES

**TO HANDLE:** 60-90 MINUTES

**TO RECOAT:** 60 MINUTES

### **REGULATORY DATA**

**FLASHPOINT:** 80F

**PRODUCT WEIGHT:** 8.39 LBS

**MATERIAL VOC:** 3.47 POUNDS PER GALLON / 417 GRAMS PER LITER

**COATING VOC:** 3.47 POUNDS PER GALLON / 417 GRAMS PER LITER

## APPLICATION

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

**MIX RATION:** 3 to 1

**WORKING POT LIFE:** 8 hrs. @ 72 F

**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	DeVilbis	MBC or JGA
Air Cap	704	
Tip	E	

**BRUSH:** Suitable

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

**ROLLER:** Suitable

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

**THINNER:** Xylene

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

**CLEANER:** Xylene

**WORK STOPPAGES:** Thoroughly flush all equipment with xylene. 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 xylene. 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

Phenolic Universal Primers

Epoxy Primers

## SHIPPING & STORAGE

**NUMBER OF COMPONENTS:** 2

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

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



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