



# Product Data Sheet

## Uni-Kote™ Solvent Semi-Gloss - P400 Series

### Product Description

An interior/exterior semi-gloss oil based enamel combining an attractive luster with exceptional durability.

### Where to Use

This is a scrubbable enamel good for use on walls and woodwork as well as ferrous metals.

### Product Characteristics

Color #P400 - White, Standard and Custom colors

Gloss Semi-Gloss

Architectural and Industrial Maintenance Category Non-Flat Coatings, Interior

<u>Drying Time</u>	<b>Temperature</b>	<b>To Touch</b>	<b>To Recoat</b>
	75°F / 55% R.H.	40 Minutes	8 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

### Preparation & Priming

Surface Preparation Paint only over clean and dry surfaces. Remove all loose paint, oil, grease, dirt, chalk or other contaminants that would hinder the performance of the coating. Mildew must be killed by scrubbing with a solution of a non-soapy detergent such as T.S.P. (Tri-Sodium Phosphate), household bleach and warm water. Thoroughly rinse affected area and let dry prior to painting. Repair all damaged areas and repair any cracks or splits with appropriate caulk or filler. Glossy surfaces should be sanded. On unfinished porous surfaces such as concrete block, a block filler should be used prior to priming.

Primer Coats Use Anchor #P1507 Undercoater for wood, #P1508 Drywall Sealer for walls. Consult your Anchor representative for specific job recommendations.

### Mixing & Application

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning This coating is VOC compliant; only thin if permitted by federal, state and local regulations. If necessary, thin with Anchor #J1112 when brushing or Anchor #J1131 when spraying.

Surface Temperature Minimum 50°F, Maximum 90°F - The surface should be dry and the relative humidity should be less than 85%.

Recommended Thickness 1.6-2.0 mils dry per coat, two coats recommended

Theoretical Coverage 884 ft<sup>2</sup>/gal at 1 mil dry, assuming no application losses. Coverage will vary depending on color, the porosity of the surface and the application technique.

<u>Coverage Rates per Coat</u>	#	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Ft<sup>2</sup>/gal</u>
<u>Suggested</u>		1.8	3.3	491
<u>Minimum</u>		1.6	2.9	553
<u>Maximum</u>		2.0	3.6	442

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1200-2200 psi
		Tip	0.013"-0.015"
	<u>Conventional Spray</u>	Air Pressure	40-70 psi
		Fluid Pressure	10-20 psi
	<u>Roller</u>	Use a 3/8" or a 1/2" synthetic roller cover.	
	<u>Brush</u>	Use a high quality natural china bristle brush.	

Application Considerations Brush, spray or roll. Check color prior to applying as Anchor cannot be responsible for color dissatisfaction after application. Always apply into rather than away from wet edge, overlapping each pass 50%. Avoid touching up, rolling or brushing back into paint more than ten minutes after applying. Touch up when paint is completely dry. Allow to cure ten days before cleaning newly painted surfaces. Coverage will vary depending on the surface texture and application technique.

**Mixing & Application Continued**

Touch-Up Proper touch-up is accomplished by applying a thin coat of this product over a well coated surface using the same method of application as used to apply the finish coat, that is, spray over spray, roller over roller. If the finish coat is sprayed, it is also possible to spray a small amount into an empty container, then touching up with a foam brush. Touch up should be done within 5°F of the original temperature.

**Technical Information**

Solids by Volume 55.13% – Varies by Color

AIM Category VOC Limit 3.2 lb/gal (380g/l)

Actual VOC 2.98 lb/gal (358 g/l) – Varies by Color

Density 11.82 lb/gal (1416 g/l) – Varies by Color

Packaging 5 Gallon pails, 1 Gallon cans, and quart (1/4 gallon) cans

Chemical Resistance Flexibility: Good Weather: Good Abrasion: Very Good

Heat Resistance 150°F Continuous, 250°F Spikes

**Clean-up & Storage**

Cleanup Use Anchor #J1112

Storage Temperature Minimum 20°F Maximum 110°F

Shelf Life Under Normal Conditions (Unopened) – Two Years

**Safety & Important Information**

WARNING! COMBUSTIBLE LIQUID AND VAPOR. CONTAINS: MINERAL SPIRITS. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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**LIMITED WARRANTY:** The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.