

# SANCRYL™ 300

**SERIES A300**  
**A SINGLE COMPONENT ACRYLIC ENAMEL**



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## DESCRIPTION

**SANCRYL® 300** cures to form a tough, durable acrylic film with excellent resistance to UV radiation.

## TYPICAL USES

**SANCRYL 300** is designed for use as a coating for signs, scoreboards and other exterior and interior applications over aluminum, primed steel, and most plastics. Use where long life and abrasion resistance is important. For best results outdoors, prime the surface with **AQUA-POXY® 914**.

## OUTSTANDING FEATURES/BENEFITS

- Excellent exterior durability
- Good flexibility
- Excellent abrasion resistance

- TYPE:** Acrylic  
**COLORS:** Black (B01), White (W01)  
 Custom colors are available upon request  
**FINISH:** Flat  
**PACKAGING:** 5 gallon pails and 1 gallon cans

## LIMITATIONS

- DO NOT apply at temperatures below 50°F. Applying at temperatures below 60°F and humidity levels above 70% will result in greatly prolonged drying and curing times and may affect appearance and/or performance. Curing for 10 minutes at 140° to 180°F is recommended for faster handling and optimum cure
- Protect from rain for at least 24 hours after curing
- Aluminum needs to be primed with 0.3 to 0.5 mils of **AQUA-POXY 914** primer for maximum durability
- Steel must be primed with **AQUA-POXY 914** for corrosion resistance (2 mils indoors, 4+ mils outdoors)

## COMPOSITION AND PHYSICAL PROPERTIES

<b>Net Wt./Gal.</b>	9.6 lbs. - 11.7 lbs	<b>VOC (minus water)</b>	1 - 1.2 lbs/gal (145 g/L)
<b>ASTM D1475</b>	(Varies with color)		(Theoretical)
<b>Solids (Varies with color)</b>	By weight: 51 - 61% By volume: 41 - 47%(Theoretical)	<b>Storage Conditions</b>	50°F to 80°F
<b>Abrasion Resistance</b>	Excellent	<b>Freeze/Thaw Stability in Can</b>	KEEP FROM FREEZING
<b>Odor</b>	Alcohol/Ammonia	<b>Recommended Coverage Rate*</b>	360 sq. ft./gal @ 5 mils wet
<b>Shelf Life</b>	1 year in unopened containers	<b>ASTM D1400</b>	360 sq. ft./gal @ 2 mils dry
<b>Thinner/Cleanup</b>	Water	<b>Drying Time</b>	Tack Free: 15 - 30 min (@70°F, 50% humidity, adequate ventilation)
<b>Gloss ASTM D523</b>	2 - 7 (60° meter)	<b>Force Cure:</b>	
<b>Accelerated Weathering QUV: UVA-340 bulbs</b>	3000 hours: 1 Delta E color change(typical). White, black and gray perform over twice as well.	<b>Flash Time:</b>	10 - 30 minutes @ room temperature
		<b>Oven Bake:</b>	10 minutes @ 140° to 180°F

\*Actual figures do not include spray loss. Also allow for surface irregularities and porosity, as well as material loss when mixing.

## NOTICE

Before using this product, read all warnings and safety information printed on the label, the Material Safety Data Sheet, and the Technical Information Guide.

## SURFACE PREPARATION

Surfaces must be clean, dry, and free of all dirt, grease, wax, loose or peeling paint, oil, and other contaminants. For maximum adhesion use a cleaner/etcher designed for aluminum or fiberglass, or clean the substrate with **SANPRO® EASY CLEAN** and prime with **AQUA-POXY 914** Primer.

## THINNING

Apply as is for HVLP application, or thin 20 parts **SANCRYL 300** to 1 part water for conventional air spray, viscosity of 60-70" #2 Zahn Cup (ASTM D4212)

## APPLICATION

**SANCRYL 300** is formulated for conventional spray, or HVLP spray application. Roller application is possible under ideal conditions.

## CLEANUP

Clean equipment with water.

### IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY

We warrant our products to be free of manufacturing defects, and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and is accurate to the best of our knowledge. They are based on technical data which we believe to be reliable, and are intended for use by persons having skill and "know-how," at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS OBTAINED FROM ITS USE OR THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT. Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders or other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. © 2/98 SANDSTROM PRODUCTS COMPANY 5/4/01