

Maclac Product Data Sheet

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217 SERIES AUX-800 GLOSS BLACK ACRYLIC URETHANE - 340 G/L

Description

Two part catalyzed Acrylic Urethane coating. The 217 series offers easy application with fast dry and good flow. This product is characterized by extreme exterior toughness and durability. Note: this may only be used with AHX-3 Acrylic Urethane Hardener.

Specifications

Note: These specifications refer to the **product as catalyzed** without additional thinning.

Weight per Gallon:	7.80	Coating VOC:	340 G/L	(2.80 Lb/gal)
Solids by Weight %:	41.95	Material VOC:	204 G/L	(1.67 Lb/gal)
Solids by Volume %:	34.77	VOC Weight Ratio	=0.52 Lb VOC/Lb Solid	
Coverage @ 1 mil:	558 SqFt./Gal.	Gloss = 90+ @ 60 Deg		
Viscosity: 18 - 20	Seconds Zahn 2	Pounds of Tertiary Butyl Acetate per gallon as applied = 0.93		

Surface Preparation

Apply over properly prepared surfaces. Ensure that any primers or sealers used are suitable for urethane coatings. Ensure that primers are lift resistant. Surface must be clean and free of dirt, grease and water. No Maclac paint product has ever contained any lead. But if you are preparing previously painted surfaces with unknown paints please observe the following precautions. 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.

Mixing & Thinning

This product must be catalyzed at the rate of 4:1 by volume with the AHX-3 Acrylic Hardener. Mix 4 parts of the base to 1 part of the hardener. Optimum pot-life after catalyzing is 3 - 4 hours. Note: the pot life will vary depending on temperature and mixing conditions. Higher temperatures and prolonged mixing will shorten pot life. Thinning may not be required, however if thinning is desired - use Acetone (or other EPA exempt (non-VOC) solvent) in California. Use urethane grade thinners elsewhere.

NOTE: Thinning with non-exempt solvents will increase VOC. Thoroughly mix the material by stirring or shaking prior to application.

Application & Dry

This Acrylic Urethane coating is designed for spray application only. The best appearance will result if the mixed material is applied within the first hour after catalyzing. Application after the catalyzed material has begun to thicken will result in an orange-peel appearance. This Acrylic Urethane may be applied with conventional, airless, air-assist airless or HVLP spray equipment. Follow the equipment manufacturers recommendations for adjusting spray patterns. A light wet coat followed by a full coat is recommended. The best time to recoat for building the film thickness is when the previous coat is just beginning to get out of tack (approximately 35 - 50 minutes). This recoat schedule will assure good bonding to the previous coat. If a coat has dried for 24 hours, then lightly sand before recoating.

Performance & Durability

This product forms an exceptionally tough and durable finish coat. This acrylic urethane coating is resistant to color change and is recommended for use on exterior surfaces.

Environmental & Safe Handling

Warning: flammable mixture. Do not use near heat, sparks, flames, or any ignition sources. Do not cut empty containers. Use only with adequate ventilation. Soak up spills with inert absorbent. Since hazardous waste regulations are not consistent throughout the country contact your local hazardous waste agency with information from the MSDS to get instructions for proper disposal. Section 2 of the MSDS contains components considered hazardous in the product as supplied. See the material safety data sheet for more information. Check local air quality regulations prior to using this product.

LIMITED WARRANTY

The information contained herein is offered to assist customers in determining whether our products are suitable for their applications. We request that customers examine our products before use and satisfy themselves as to their suitability. We warrant that our products will meet our written specifications. Since application circumstances, substrate condition and product intermix are beyond our control, we cannot guarantee results under all possible situations. R.J. McGlennon Co. Inc. makes no representation as to the results the user will achieve. Technical advice furnished by seller or any seller's agents shall not constitute a warranty. Any liability arising out of any condition resulting from the use of any R.J. McGlennon Co. Inc. product shall be limited to replacement of such product.