

Maclac Product Data Sheet

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98 SERIES AU-10 ACRYLIC URETHANE SEALER COAT

Description

AUS-10 is a 2 part catalyzed Acrylic Urethane coating. This product is specifically designed to be used as a sealer or barrier coat underneath Maclac PS-901 Polyester Filler/Sealer. It is used to seal in stains or wood oils to prevent any reactions with PS-901. It may also be used to make a toner coat. AUS-10 is a very thin coat for penetration into wood. Not for use as a California architectural coating.

Specifications

Note: These specifications refer to the product as admixed using AH-1 without any additional thinner

Weight per Gallon:	7.59	Coating VOC:	550 G/L	(4.54 Lb/gal)
Solids by Weight %:	30.06	Material VOC:	354 G/L	(2.95 Lb/gal)
Solids by Volume %:	25.03	VOC Weight Ratio	=1.29 Lb VOC/Lb Solid	
Coverage @ 1 mil:	401 SqFt./Gal.	Viscosity:	17 - 19 Seconds Zahn 2	

Surface Preparation

Apply over properly sanded wood surfaces. Use this only over compatible stains. Maclac 15 Series Stains have been tested. Check with your technical representative before using any other stains. Surface must be clean and free of dirt, grease and water. Remove any sanding dust and any previous existing finish.

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 5:1 by volume with the AH-1 Acrylic Hardener.

Mix 5 parts of the base to 1 part of the hardener.

Optimum pot-life after catalyzing is 2 - 4 hours. Note: the pot life will vary depending on temperature and mixing conditions. Higher temperatures and prolonged mixing will shorten pot life. If used to make a toner use only Degussa 844 Acrylic Colorants or Maclac Dyes. For penetration into the wood AUS-10 may be used as mixed. If any thinners are used, choose an appropriate thinner for the air district rules. Thinning with non-exempt thinners will increase the VOC. Use only urethane grade thinners.

Application & Dry

This Acrylic Urethane coating is designed for spray application only. It may be applied with conventional, airless, air-assist airless or HVLP spray equipment. Follow the equipment manufacturers recommendations for adjusting spray patterns. Adjust spray for fine atomization and for good flow into the wood.

Apply 1 light coat with good atomization, holding a good "wet edge". Lightly sand after first coat. Normal dry time for sanding is 1 - 2 hours. Apply 1 more coat as per above, allow to dry to sand, and again very lightly sand.

This recoat schedule will assure good bonding to the previous coat. If a coat has dried for 24 hours, then sand before recoating.

Performance & Durability

This product forms an exceptionally tough and durable sealer coat for PS-901 Polyester Filler.

Environmental & Safe Handling

Check local air quality regulations prior to using this product. Warning: flammable mixture. Do not use near heat, sparks, flames, or any ignition sources. Do not cut empty containers. Use only with adequate ventilation. Dispose of any product only in accordance with all applicable regulations. See material safety data sheet for more information.

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.