

117-69XX PLASTICOLOR® RTS Neutral Topcoat

Product codes: 117-6910, 20, 35, 50, 90	Viscosity	Zahn #2 Signature cup 22-26 sec at 77°F (25°C)
	Flash Point:	4 Celsius or 39 Fahrenheit
	Density (lb/gal):	8.094
	Solid (% by weight):	44.3
	Solid (% by volume):	37.9
	Shelf Life (months):	12

Product Description:

PLASTICOLOR® Neutral RTS is an enamel, high quality acid curing Reactive Amino Coating (RAC). The PLASTICOLOR® Neutral RTS the tintable compatible with MaestroHue color system. PLASTICOLOR® Neutral RTS provides a smooth hardwearing surface with excellent resistance to mechanical damage, dry heat, household and office liquids, etc. Special recognition: when applied as specified, will meet required performance for the ANSI/KCMA A161.1 1990 9.0 Finish

Uses:

PLASTICOLOR® Neutral RTS is recommended for kitchen cabinets, high build office or residential furniture as well as other interior wood applications. PLASTICOLOR® Neutral RTS is an all-round coating suitable for application with various spraying equipment.

Environmental Data (as supplied):	VOC less exempt lb/gal:	4.49
	VOC lb/gal:	4.49
	VOC less exempt g/l:	539
	VOC g/l:	539
	VOC lb/lb Solid:	1.25
	VHAPS lb/lb Solid:	0.79

Note:

NA

Application Data	Suggested Uses:	For cabinet, architectural millwork, furniture, refinish markets
	Mixing Ratio:	873-0870 8% by volume
		873-1251 10% by volume
		873-1205 2% by volume
	Suggested Uses:	8 hrs
	Application Viscosity:	Zahn#2 Signature cup 19-21 sec at 77°F(25°C)
	Reducer:	803-1325 or 121-802
	Retarder:	800-5328
	Clean-up Solvent:	Acetone
	Recommended Wet Film:	4-5 wet mils
	Coverage:	694 sqft/gal

Note:

PLASTICOLOR® Neutral RTS can be tinted with Universal 844 colorants @ 8% by volume

Directions for use:**Surface Preparation:**

Primer should be sanded using 280 and 320 grit steared paper. Suitable primers are Plastiprimer 522-1410, Plastiprimer off white 220-214, Omnibuilt 522-3500 or Chemlife® 24 White Primer 522-2500 for MDF and solid woods like Maple and Oak. Primers should be topcoated within eight hours of sanding. Care should be taken during sanding to avoid sanding through the primer

General Information:

Catalyze and reduce the material as recommended. To ensure proper sheen, the catalyzed material should be agitated at all times. Apply 3 to 5 wet mils on sanded surface. One or two extra coats can be applied following a complete cure and a sanding with a #280/320 paper. Maximum film build of the system should not exceed 6 mils dry. PLASTICOLOR® Neutral RTS must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats. Avoid all contact with metallic surfaces. To obtain complete cure, PLASTICOLOR® Neutral RTS must be applied at a temperature above 18°C/68°F and relative humidity below 65%. When drying, this product should not be exposed to ammonia vapors. Finished surface must not be cleaned with ammonia containing products. Always use containers and equipment made of plastic or stainless steel to avoid discoloration of the material due to oxidation.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION

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Drying Times:

	Room Temperature (20°C / 68°F)	Forced Drying Schedule (50°C / 122°F)
Tack Free Time:	12-15 minutes	Flash off before entering oven
Dry to Sand:	2-3 hours	4 hours
Dry to Stack:	20-25 minutes	45-60 minutes

Note:

N/A

Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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Updated: 2026-07-22 10:52:32

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