

**THINNER 219**  
DT5910000



**DESCRIPTION:**

Thinner 219 is suitable for all Becker Acroma acid curing products and nitrocellulose products. Thinner 219 has a slower evaporation rate than Thinner OC 140 and Thinner 309.

**HIGHLIGHTS:**

» *Contains Esters, Alcohol and Aromatics*

**PRODUCT DATA:**

<b>Color:</b>	<b>Wet:</b> Clear <b>Dry:</b> n/a	<b>VOC (as packaged, maximum, less water and exempt solvents):</b>	7.08 lbs/gal or 849 g/l
<b>Solids % by Vol.:</b>	00 % (Theoretical)	<b>VOC (emitted):</b>	7.08 lbs/gal or 849 g/l
<b>Solids % by Wt.:</b>	00 % (Theoretical)	<b>Lbs. VHAPs / Lbs. Solids:</b>	n/a (50 % by wt.)
<b>Weight / Gal.:</b>	7.08 lb	<b>Flash Point (PMCC):</b>	25° C / 77° F
<b>Viscosity 23°C / 73°F:</b>	<b>#4 Ford:</b> n/a Sec.	<b>Photo Chemically Reactive:</b>	Yes
<b>Viscosity 23°C / 73°F:</b>	<b>DIN 4:</b> n/a Sec.	<b>Shelf Life:</b>	2 years (at 15-25° C / 59-77° F)
<b>Theoretical Coverage:</b> n/a			

**MIXING / APPLICATION:**

**Working Temp:** >18° C, 65° F substrate, coating and air

**Mixing:** Add thinner after catalyst (if required). Avoid over mixing which may introduce air into the product.

<b>Thinners by Evaporation Rate</b>				
<b>Description</b>	<b>Product Code</b>	<b>Evap. Rate</b>	<b>HAPS</b>	<b>Comments</b>
Thinner A	TT5900070	561	No	Extremely fast, very low VOC
Thinner 0989	TT5905000	277	Yes - 55 %	Extremely fast, good solvent strength, urethane grade solvent
Thinner 10	NT5915000	175	No	Fast, for Olesol Spray Stains
Thinner OC 140	DT5900000	163	Yes - 55 %	Fast, for acid cure products and nitrocellulose products
Thinner 309	DT5903000	140	No	Fast, for acid cure products
Thinner 1	DT5901000	129	No	Medium, for acid cure products and nitrocellulose products
Thinner 0988	TT5906000	106	No	Medium, urethane grade thinner
Thinner 20	NT5916000	83	No	Slow thinner for Olesol spray and brush stains
Thinner 219	DT5910000	68	Yes - 50 %	Slow thinner for acid cure products and nitrocellulose products
Lacquer Retarder	NT5914000	63	Yes - 40 %	Slower thinner for acid cure products and nitrocellulose products
Thinner 419	DT5914000	59	No	Slower thinner for acid cure products and nitrocellulose products
Thinner MS	HT5900100	16	No	Mineral Spirits for reducing HS series wiping stains and glazes
Thinner G	HT5900070	6	No	Slower thinner for wipe stains

<b>Retarders by Evaporation Rate - If extreme high temperature or humid conditions are present, it may be necessary to use a retarder solvent. Retarders should be added with caution, and tested to ensure system integrity.</b>				
<b>Description</b>	<b>Product Code</b>	<b>Evap. Rate</b>	<b>HAPS</b>	<b>Comments</b>
Retarder 0987	TT5907000	14	No	Extremely slow retarder for urethanes and acid cure products
Retarder	DT5918000	10	No	Extremely slow retarder for acid cure products and Olesol stains

<b>Catalysts by Evaporation Rate</b>				
<b>Description</b>	<b>Product Code</b>	<b>Evap. Rate</b>	<b>HAPS</b>	<b>Comments</b>
Catalyst 2750	DV5940000	178	Yes – 39%	Universal acid cure catalyst
Catalyst 309	DV4593000	173	No	HAPS free, universal acid cure catalyst
Catalyst 494	DV5942000	51	Yes – 30%	Slow acid cure catalyst

**TESTING:** Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

**FOR INDUSTRIAL SHOP APPLICATION:** Thoroughly review Material Safety Data Sheet (MSDS) for safety information and cautions prior to using this product. For Regulatory compliance data (i.e. VOC, HAPS, etc.), obtain an Environmental Data Sheet (EDS) prior to using the product. A MSDS and/or EDS is available from your local distributor or representative. Please direct any questions or comments to 1-800-524-5979.

**NOTE:** Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result. Becker Acroma is a brand of The Sherwin-Williams Company.