

CATALYST 309 HAPS FREE

DV5943000

DESCRIPTION:

Catalyst 309 is suitable for all AcromaPro acid curing clear and pigmented products. Catalyst 309 is a fast curing acid catalyst. This product is HAPS free. **Please use extreme caution when handling, transferring and blending acid catalysts with appropriate AcromaPro acid cure topcoats.**

PRODUCT DATA:

Color:	Wet: Clear Dry: N/A	VOC (as packaged, maximum, less water and exempt solvents):	6.13 lbs/gal or 734 g/l
Solids % by Vol.:	8.0 % (Theoretical)	VOC (emitted):	6.09 lbs/gal or 730 g/l
Solids % by Wt.:	11.8 % (Theoretical)	Lbs. VHAPs / Lbs. Solids:	0.00
Weight / Gal.:	7.19 lb/gal	Flash Point (PMCC):	13° C / 55 ° F
Viscosity 23°C / 73°F:	#4 Ford: N/A	Photo Chemically Reactive:	No
Viscosity 23°C / 73°F:	DIN 4: N/A	Shelf Life:	12 months (at 15-25° C / 59°-77° F)
Theoretical Coverage: N/A			

MIXING / APPLICATION:

Catalyzation: Catalyze in accordance with associated product's technical data sheets instructions.

Mixing: Add and blend for 2-5 minutes following necessary and appropriate safety precautions.

Use Directions: Follow recommended mixing amounts in accordance with associated product technical data sheets.

Product Notes: **INDUSTRIAL USE ONLY.** This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS AND DATA SHEETS ON ALL COMPONENTS.

WARNING: Product is FLAMMABLE and CORROSIVE. Caution should be used when dispensing, handling, transferring, and using this product. Follow appropriate grounding and transfer procedures to control and minimize the generation of static and flammable vapors.

PREVENTION: Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Wash thoroughly after handling.

STORAGE: Store in cool, dry areas in the original sealed containers. Do not store around any source of flames or sparks. Spills should be cleaned up with non-sparking tools and inert absorbent material. Always Handle with protective gloves, avoid direct contact with skin.

Refer to the Product's Safety Data Sheet (SDS) for additional and important safety information

CATALYST 309 HAPS FREE
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UNIVERSAL BLENDING THINNERS, RETARDERS & CATALYSTS
EVAPORATION RATE TABLE
Thinners by Evaporation Rate

Description	Product Code	Evap. Rate	HAPS	Comments
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

Retarders by Evaporation Rate*

Description	Product Code	Evap. Rate	HAPS	Comments
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

*** 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**

Catalysts by Evaporation Rate

Description	Product Code	Evap. Rate	HAPS	Comments
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, AcromaPro cannot make any warranties as to the end result.

