



ADVANCED POLYMER, INC.

GET THE API ADVANTAGE . . .

APW-319

APW-319 is a very low turbidity, cationic microemulsion of pure carnauba wax. APW-319 will impart a rapid and uniform deposition of a thin film of carnauba wax on most substrates. APW-319 can be used on a variety of surfaces including fabric, metal, wood, leather and painted finishes.

CHARACTERISTICS

- Produces a durable finish
- Imparts gloss & slip
- Improves stain and dirt pick-up resistance
- Does not contain ethylene glycol
- Does not contain alkyl phenol ethoxylates

TYPICAL FORMULATIONS & APPLICATION

LIQUID CAR WAX	
Component	Amount (wt%)
Wetting Aid	1.6%
APW-319	15.0%
Water	83.4%
<ul style="list-style-type: none"> • Add wetting aid followed by APW-319 to water. Mix thoroughly using moderate agitation. • For application dilute the wax 1:10 with water. Use approximately 6 to 8 oz. of the wax dilution per application. 	

TYPICAL PROPERTIES

Appearance:	Clear dark liquid
Solid Content:	17%
pH:	5.3
Carrier Solvent:	Water
Volatile Organic Content:	< 50 g/l
Specific Gravity:	1.000

Advanced Polymer, Inc.
 400 Paterson Plank Road
 Carlstadt, NJ 07072
 Phone: (201) 933-0600
 Fax: (201) 933-8442
www.advpolymer.com



GET THE API ADVANTAGE . . .

APW-319

FORMULATION & APPLICATION continued:

Automotive Wash/Wax	
Component	Amount (wt%)
APS-448	8
Ammonium or Sodium Lauryl Sulfate	15
APW-319	2
Water	75
<ul style="list-style-type: none"> • Mix together using a modest amount of agitation • Wash the automobile with the above mixture • Rinse and towel dry <p>The surface of the automobile will be clean and dust resistant with a high luster shine.</p>	

WATER BASED PASTE WAX				
The function of the aminosilicone (APS-328 Gel) is to provide shine, leveling, water repellency and durability.				
Component	Function	Amount (wt%)	Supplier	Phone
APS-328 Gel	Amino Silicone	5%	API	(201) 933-0600
APW-319	Wax	12%	API	(201) 933-0600
Kaopolite SF	Clay	2%	Imerys	(770) 594-0660
Carbopol 981 or Acrysol ASE 60	Thickener	2%	Noveon Rohm & Haas	(216) 447-5000 (800) 874-6917
Water		79%		
Use either Carbopol 981 or Acrysol ASE 60, or a comparable thickener. API recommends thickening the water with an alkali prior to the addition of the remaining ingredients.				

PROTECTIVE COATING

- A dilution of APW-319 may be used in a dip-bath or sprayed onto substrate. A thin coating of wax will instantly adhere to the surface. This coating will provide increased gloss, reduce staining, and improve the cleanability of the treated surface.



GET THE API ADVANTAGE . . .

APW-319

STORAGE

APW-319 is sensitive to low temperatures.
Keep from freezing. Perishable if frozen.

PACKAGING

APW-319 is available in 8 oz. samples and 441-lb. drums.

Advanced Polymer, Inc.

400 Paterson Plank Road
Carlstadt, NJ 07072
Tel: (201) 933-0600
Fax: (201) 933-8442
www.advpolymer.com

I want to know more!

technical@advpolymer.com

The information set forth herein is furnished free of charge and based on technical data that Advanced Polymer, Inc. believes to be reliable. It is intended for use by persons having technical skill at their own risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.

You may also be
interested in . . .

Revised August 5, 2019