



ADVANCED POLYMER, INC.

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APS-216 Emulsion

APS-216 Emulsion is a hydroxyl terminated silicone emulsion designed to be used as an additive for waterborne automotive coatings. It provides a silky smooth finish to polyurethane and acrylic plastic, leather and wood coatings. Because of its non-ionic character, APS-216 Emulsion can be used in conjunction with cationic, nonionic and anionic systems. Among other properties, APS-216 Emulsion imparts slip and dust/dirt repellency to auto care products for rubber, plastic and vinyl.

CHARACTERISTICS

- Imparts a silky smooth finish to applied surface
- Easy to incorporate into waterborne coatings such as acrylics and polyurethanes for automotive leather, rubber and plastic applications
- Can be used in conjunction with other additives for a spray polish formula
- Provides a surface free of streaks and swirls

RECOMMENDATIONS

It is advised to mix the material before use.

APS-216 Emulsion can be added to the waterborne coating at 2–10% (as supplied, based on total formulation). These loading levels should impart its smooth and silky properties; however, loading levels can be adjusted for specific applications and system being used.

APS-216 Emulsion can also be used by itself as a thin layer to impart desired properties by post spraying on top of the topcoat

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TYPICAL PROPERTIES

Appearance:	Milky White Emulsion
Solid Content:	50%
Specific Gravity (25°C):	0.98
pH:	4.5—7.5

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