



ADVANCED POLYMER, INC.

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APS-228 Emulsion

APS-228 Emulsion is a silicone emulsion designed to be used as an additive for waterborne automotive coatings. It provides durable silicone characteristics to polyurethane and acrylic plastic, leather and wood coatings. Because of its non-ionic character, APS-228 Emulsion can be used in conjunction with cationic, nonionic and anionic systems. Among other properties, APS-228 Emulsion imparts mar, slip and dust/dirt repellency to auto care products for rubber, plastic and vinyl.

CHARACTERISTICS

- Durable silicone 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-228 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-228 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—8.5

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