

APS-328 GEL

Product Overview

APS-328 GEL is a highly concentrated, reactive silicone copolymer supplied as a viscous self-emulsifiable gel. The addition of APS-328 GEL to water with a small amount of agitation will produce a stable emulsion at any desired concentration.

Physical Properties

APPEARANCE:	Clear to Opaque Gel
SOLID CONTENT:	70%
CARRIER SOLVENT:	Dispersible in Water
VOLATILE ORGANIC CONTENT:	0.2%
SPECIFIC GRAVITY (@25 C)	0.997
PH (5% SOLUTION):	6.9

Applications

- High Concentration
- Self-emulsifiable
- Minimal agitation is required to form a stable emulsion
- Softens and lubricates various textile substrates
- Produces excellent elastomeric properties when applied to textiles

Packaging

Available in 8 oz. samples and 441 lb. drums.

Application Methods

- Prepared emulsions of 10% to 30% on a solids basis, have shown to be most desirable for textile applications. After the emulsion has been properly prepared, use 1.0% - 5.0% in the finishing bath to achieve the desired effects. Higher concentrations may be used if necessary.
- Concentrations of 1% - 3% are recommended for print paste applications.

Water Based Vinyl & Tire Dressing

Component	Amount (wt%)
Water	82-88
Acrysol TT-615 or equivalent	2
APS-328 Gel (imparts durability)	7-10
Daimul 60 (imparts lustrous shine)	5-8

- Mix Acrysol TT-615 or Acrysol ASE-60 (Rohm & Haas) and water. Thicken to the desired viscosity with an alkali (approx. 2% diethanol amine).
- Slowly add APS-328 Gel and Daimul 60 with moderate agitation.
- Wipe or spray onto surface.
- Buff to produce a durable, lustrous shine.

ADVANCED POLYMER
400 Paterson Plank Road
Carlstadt, NJ 07072