

**UNIPLEX MS-70**  
**o/p TOLUENESULFONAMIDE FORMALDEHYDE RESIN**  
**CAS NO. 1338-51-8**

UNIPLEX MS-70 is a resin used primarily in nail polish formulations in conjunction with nitrocellulose to improve durability and gloss. It is sold as an approx 70% solution in butyl acetate.

UNIPLEX MS-70 is typically used in nail polishes on an equal weight basis to nitrocellulose for base coat enamel. Top coat enamels are formulated with one part Uniplex MS-70 to three parts nitrocellulose.

UNIPLEX MS-70 can be used in polyvinyl acetate adhesives to impart quick tack and green strength. It is especially useful for formulations used to bond cellophane to itself or to paper, and for bonding aluminum foil to itself or to paper. Usually 10 - 15 parts Uniplex MS-70 is used per 100 parts polyvinyl acetate emulsion.

SPECIFICATIONS:

Appearance	Light colored, viscous liquid
Odor	Butyl acetate odor
Butyl Acetate Content	30 ± 2%
Solids Content	70 ± 2%
Viscosity, 25°C	400 - 1000 cps
Color (APHA)	50 maximum
Moisture	1.0% maximum
Precipitation	Substantially free

PROPERTIES:

Solubility in Water	Nil @ 25°C
General Solubility	Mixable with all common organic solvents and thinners except petroleum hydrocarbons. Does not mix with paint and varnish oils.

HANDLING INFORMATION:

Refer to Material Safety Data Sheet

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