

**POLYTEX E-75
RESIN SOLUTION
FOR THE COATINGS INDUSTRY**

www.estrone.com



THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Polytex E-75 is a sulfonamide-based resin modifier for use in lacquers, inks, and adhesives. Polytex E-75 enhances gloss, DOI (Distinctness of Image), adhesion to numerous substrates, compatibility and overall coating durability. Polytex E-75 is a formaldehyde-free resin alternative for nail lacquers. Due to the excellent DOI and film build-up properties, the necessity of multiple coats of clear (and pigmented) lacquers is reduced.

Polytex E-75 has excellent compatibility with most commercial polymeric binders, pigments and plasticizers. Polytex E-75 has a workable low viscosity and offers the advantage of formulating high-solids lacquers. Polytex E-75 is insoluble in aliphatics, affording resistance to oil, grease and gasoline.

The recommended level of usage in inks, lacquers and coatings is 7-20% of the total formulation. In adhesives formulations, it can be used in levels of up to 35%.

Polytex E-100 is the 100% solids version of Polytex E-75.

TYPICAL PROPERTIES*

Appearance	Viscous Liquid
Refractive Index	1.534
APHA Color	100 maximum
Gardner Viscosity	Z ₁ – Z ₄
Non-Volatile, weight %	73 – 75%
Solvent	Butyl Acetate

* Not to be used for specification purposes

REGULATORY LISTINGS

The components in this material are listed in the following chemical listing inventories: AICS (Australia), NDSL (Canada), NZIoC (New Zealand), TSCA (United States)

All components of this product are REACH registered per ECHA requirements.

INCI Designation: Tosylamide/Epoxy Resin

PACKAGING (NET WEIGHT)

520 lb. / 235.9 kg in steel drum

44 lb. / 20.0 kg in steel pail

PRODUCT AVAILABILITY

This product is commercially available and may require lead time.

STORAGE AND HANDLING

Drums of this product may build pressure during shipment or during storage after receipt. Store this product with a pressure relief bung installed to avoid excessive pressure build in the drum. Store containers in a dry, cool area and avoid excessive heat. Keep containers away from ignition sources or open flames. Shelf life of unopened containers is one year from date of shipment. See SDS for additional information.

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CONTACT INFORMATION

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APPLICATIONS

Intumescent coatings
Fluorescent pigment, dye and lacquer preparations
Aerosol lacquers
Air Dry lacquers
Pigment pastes & concentrates

Label coatings
Flexographic inks
Hot dipping lacquers
Gel dipping lacquers
Pressure-sensitive adhesives

**QUANTITY OF POLYTEX E-75 WHICH CAN BE USED IN COMBINATION WITH
THE FOLLOWING RESINS (on % solids/solids basis)**

PVC	15	Nitrocellulose	100	Acrylics	25	Phenolics	50
Polyvinylacetate	50	Ethylcellulose	75	Casein	25	Alkyd	25
Polyvinylbutyral	50	Cellulose acetate	25	Shellac	25	Melamine	25
Polyvinylidenechloride	25	CAB	50	Polyester	20	Neoprene	50
Polystyrene	10	CAP	50	Epoxy	100	Polyamide	50

Revision Date: 8/13/19

TDS Revised by: D. Smith

TDS Approved by: F. Allen