

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

www.estrone.com



THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Polytex E-75 is a tosylamide 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 | Clear Liquid |
| 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

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 |
| Polyvinylenechloride | 25 | CAB | 50 | Polyester | 20 | Neoprene | 50 |
| Polystyrene | 10 | CAP | 50 | Epoxy | 100 | Polyamide | 50 |

REGULATORY LISTINGS

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

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PACKAGING (NET WEIGHT)

520 lb. / 235.9 kg in steel drum

40 lb. / 18.1 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.

CONTACT INFORMATION

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TDS Revised by: A. Buckhalter

TDS Approved by: F. Allen