Valtex 727

Phenolic Tung Oil Varnish

Valtex 727 is a high quality pure phenolic tung oil varnish for applications in fortifying alkyds to provide excellent chemical resistance and grease resistance. This alkyd modifier is an air-dry system and is composed of two-thirds phenolic and one-third tung oil. Due to its unique properties, Valtex 727 is a potential replacement for epoxy esters. This product is listed on the DSL/NDSL inventory.

Physical State
Liquid

Applications

- Alkyd modifier – Primer for Direct to Metal (DTM)

- High Gloss
- Positive Dry (no after tack or partial dry with varnish)
- Food Chemical Resistance
- Water Resistance (Corrosion Resistance)
- Grease Resistance

Advantages

Operating Data

1. Designed for brush, spray, and roller applications.
2. Reduce viscosity as needed for roll or spray.
3. 10 cc per gallon of skinning agent is recommended (ASA).

Caution
Avoid excess mixing and air introduction during blending with drier.

Typical Properties

Viscosity (Gardner-Holdt)	**X - Z**
Color (Gardner)	**10 max.**
Solids	**55 ± 2%**
Density	**7.80 ± 0.15 lb/gal**
Solvent	**70% Aromatic 100**
	30% Mineral Spirits

Recommended Driers (Based on metal solids to resin solids)

0.01% Cobalt
0.03% Zirconium

Shelf Life: 2 years in a sealed container at 77°F.
When container is opened, it must be nitrogen blanketed or it will skin.

Precautions
Some materials in this product may cause skin and eye irritation and/or sensitization or other allergic responses upon repeated contact. Therefore, this product must be handled with extreme care and in strict adherence to good industrial practices. Before using it or any other product referred to in this bulletin, consult the applicable Material Data Sheets for appropriate handling procedures and protective equipment.

Revision Date: Sept 1, 2026

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300 East Primm St. | St. Louis, MO 63111 | (314) 638-1632 | Fax: (314) 638-3100 | www.uspolymers.com