Valtex 117-H

Phenolic Tung Oil Varnish

Valtex 117-H is a high quality pure phenolic tung oil varnish for fortifying alkyds to provide excellent chemical resistance and grease resistance. This alkyd modifier is an air-dry system; composed of half phenolic and half tung oil. Valtex 117-H can be used as the sole resin binder. Due to its unique properties, Valtex 117-H 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)
- Stand Alone Binder for DTM (Pigmented)

Advantages
- High Gloss
- Food & Chemical Resistance
- Water Resistance (Corrosion Protection)
- Grease Resistance

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)

Typical Properties

Viscosity (Gardner-Holdt)	**P – T**
Color (Gardner)	**11 max.**
Solids	**55 ± 3%**
Density	**7.35 ± 0.15 lb/gal**
Solvent	**60% VM&P Naphtha**
	40% Mineral Spirits

Recommended Driers (Metal on resin solids)
0.01% Cobalt
0.03% Zirconium
Note: Avoid excess mixing and air introduction during blending with drier.

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 Safety Data Sheets for appropriate handling procedures and protective equipment.

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