HPP-E-9945-21-70

Water reducible chain-stopped alkyd

HPP-E-9945-21-70 is a TOFA based water reducible chain-stopped alkyd designed to give a combination of corrosion and water resistance. This product develops very good hardness. Product must be neutralized prior to addition of water and may require co-solvent for better solubility.

Physical State
Liquid

Applications

- Industrial Primers and Topcoats

Advantages

- Early Hardness and Toughness
- Early Chemical and Water Resistance
- Excellent Adhesion to Metal
- Excellent Gloss and Gloss Retention
- Can be crosslinked easily

Operating Data

1. Designed for brush, spray, and roller applications
2. Reduce viscosity as needed for roll or spray

Caution

Typical Properties

Viscosity (Gardner-Holdt)	**Z4 – Z7**
Color (Gardner)	**6 max.**
Acid Value	**35 – 50 mg KOH/g**
Solids	**70 ± 2%**
Density (lb/gal)	**8.90 ± 0.15 lb/gal**
Solvent	**2-Butoxyethanol (Ethylene Glycol Monobutyl Ether)**
	Secondary Butanol

Recommended Driers (Metal on resin solids)

Air Dry: 0.2% Zirconium OR 0.2% Manganese
0.1% Cobalt

Note: Avoid excess mixing and air introduction during blending with drier

Shelf Life: 2 years when stored in a sealed container at 77°F.

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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