HPP 7866

High Solids, 30% Silicone Modified, Polyester Polyol

HPP 7866 is a high-solids, 30% silicone modified, polyester polyol designed for use in high performance two component urethane coatings. In addition to the excellent physical and chemical properties that are characteristic of other high-performance polyesters, HPP 7866 produces coatings with excellent long-term weathering comparable to that of acrylic polyols. HPP 7866 based enamels with low VOCs can be easily formulated to spray viscosities as low as 35-40 seconds (#4 Ford Cup).

Physical State
Liquid

Applications
- Industrial Maintenance
- Aerospace
- Auto Refinish
- Bus & Fleet OEM
- Marine
- OEM Product Refinishing

Advantages
- Low VOC
- Excellent Gloss and UV Durability
- Rapid Film Dry and Cure
- Excellent Solvent and Hydraulic Fluid Resistance
- Excellent Adhesion and Flexibility

Typical Properties

Viscosity (Gardner-Holdt)	**Z4 – Z6**
Color (Gardner)	**3 max.**
Acid Value	**10 mg KOH/g max.**
Solids	**80 ± 2%**
Density	**9.30 ± 0.15 lb/gal**
Solvent	**Methyl Isobutyl Ketone**
HEW	**434**

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

Revision Date: 9/1/2026

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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