



**SHERWIN  
WILLIAMS.**

## Product Finishes

# Silicone Alkyd DTM Enamel Equipment Yellow F75YV0001

### DESCRIPTION

**Silicone Alkyd DTM Enamel Equipment Yellow, F75YV0001**, is suited for use in conventional, maintenance and O.E.M. environments. It provides the ultimate in exterior durability of any synthetic alkyd coating, and its gloss retention, chemical resistance and general weathering properties make it superior to any other conventional alkyd coating. Unsurpassed chip resistance makes it ideal for application to new or used equipment and farm and fleet implements that are subjected to hard and heavy use. It will not lift existing paint films in repaint applications. Will withstand surface temperature variations from 70° to 350° F depending on color. High volume solids and hi-build allow easy application up to 3 dry mils in one coat. These outstanding characteristics add up to a long life for anything coated with Silicone Alkyd DTM Hi-Build Enamel.

### CHARACTERISTICS

<b>Gloss:</b>	80+ units @ 60° 60+ units @ 20°
<b>Volume Solids:</b>	42.6 ± 2%
<b>Weight Solids:</b>	56.7 ± 2%
<b>Viscosity:</b>	80 – 86 KU
<b>Recommended film thickness per coat:</b>	Mils Wet: 6.0 – 7.0 Mils Dry: 2.5 – 3.0
<b>Spreading Rate</b> (no application loss)	320 - 400 sq. ft. per gal
<b>Drying</b> (77°F, 50% RH):	
<b>To Touch:</b>	4 - 6 hours
<b>To Handle:</b>	4 - 6 hours
<b>To Recoat/Topcoat:</b>	4 - 6 hours
<b>Force Dry:</b>	30 minutes at 140°F, then air dry 1 hour minimum

**Flash Point:** >100°F Pensky-Martens  
Closed Cup

**Package Life:** 24 months, unopened

### CHARACTERISTICS (CONTINUED)

#### **Volatile Organic Compounds (VOC)**

Non-Photochemically Reactive

**VOC:** (Theoretical) as packaged:

<b>Emissions:</b>	3.81 lb/gal	456g/l
<b>Less Exempt:</b>	3.81 lb/gal	456g/l

**HAPS:** 0.00 lbs./lb. Of Solids

**VOC per Pound of Solids:**  
(Theoretical): 0.76 lb/lb solids

### SPECIFICATIONS

**Metal:** Must be clean, dry, free of dust, dirt, rust, mill scale, oil or grease. Power wire brushing or metal etching is recommended along with a thorough solvent wash. Previously painted surfaces must be sound and free of chalk.

**Testing:** Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

### APPLICATION

Reduction: Product is normally applied without reduction. Product may be applied by brush, roller, conventional spray, airless, HVLP or air assisted airless. For best results, use conventional or airless spray.

#### **Conventional Spray:**

Air Pressure .....	35-60 psi
Fluid Pressure.....	6-10 psi
Cap/Tip .....	0.55 – 0.70

#### **Airless Spray:**

Pressure.....	1500-1800 psi
Tip.....	.013-.017"

#### **Air Assisted Airless:**

Air Pressure .....	20-30 psi
Fluid Pressure .....	500-900 psi
Cap/Tip.....	.013-.017"

#### **HVLP:**

Gun.....	Binks Mach 1
Atomizing Air Pressure at the cap .....	.9 psi
Fluid Pressure .....	12 psi
Cap/Tip.....	0.055

**Cleanup:** Clean tools/equipment immediately after use with Mineral spirits or VM&P Naphtha.

Follow manufacturer's safety recommendations when using any solvent.

### CAUTIONS

ALIPHATIC HYDROCARBONS. AROMATIC HYDROCARBONS. ZINC.

Contents are COMBUSTIBLE. Keep away from heat and open flame.

VAPOR HARMFUL. Use only with adequate ventilation. To avoid over-exposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area.

Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**CAUTIONS**  
**(CONTINUED)**

**FIRST AID: IN CASE OF EYE CONTACT, FLUSH THOROUGHLY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN CONTACT, WASH THOROUGHLY WITH SOAP AND WATER. IN CASE OF RESPIRATORY DIFFICULTY, PROVIDE FRESH AIR AND CALL PHYSICIAN.**

If swallowed, call Poison Control Center, hospital emergency room, or physician immediately.

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.

Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR PROFESSIONAL USE ONLY. NOT FOR RESIDENTIAL USE. SEE MATERIAL SAFETY DATA SHEET.

DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

Thoroughly review product label and Material Safety Data Sheet (MSDS) for safety and cautions prior to using this product. A Material Safety Data Sheet is available from your local Sherwin-Williams facility. Please direct any questions or comments to your local Sherwin-Williams facility.

**Note:** Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.

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