

## Blank Ammunition Sealant 48641

### Product Description

**Hernon® Blank Ammunition Sealant 48641** is a medium viscosity, UV and LED curable compound formulated to provide high performance, fast curing, coating and sealing of ammunition blank tips. This product is also used for shallow potting applications.

### Product Benefits

- UV fluorescence for in-process inspection
- LED curable
- NO Solvents 100% solid system
- Excellent adhesion to a variety of surfaces
- Excellent environmental resistance
- Good gap filling properties
- No shrinkage due to solvent evaporation
- Rapid room temperature cure

### Typical Properties (Uncured)

Property	Value
Chemical Type	Modified Acrylic Ester
Appearance	Purple, fluorescent liquid
Viscosity @ 25°C, cP	600 to 800
Specific Gravity @ 25°C	1.01
Flash Point	See SDS

### Factors Affecting UV Curing

- All UV sources degrade with use. Check output with a radiometer.
- Thicker films require longer cures.
- Light intensity decreases as distance from UV source increases.
- Some clear plastics may contain UV inhibitors.

### Precautions When Using UV Lamps

- Never look directly at UV source.
- Wear protective UV goggles
- Use in a well-ventilated area. Some UV sources generate ozone. Provide shielding around high intensity UV sources.
- High intensity UV sources generate heat. Take appropriate precautions.

### Typical Curing Performance

**Blank Ammunition Sealant 48641** will cure rapidly at room temperature when exposed to high intensity ultraviolet light (365 nm). UV light intensities above 100 mW/cm<sup>2</sup> will insure optimum surface cure.

### Tack Free Time

Property	Value
Tack free time, seconds	≤ 3 secs

### Typical Properties (Cured)

#### Shear Strength

Cured 24 Hours @ 22°C - tested according to ASTM D1002

Substrate	Shear Strength, psi
Glass to Steel	≥ 300

### General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

### Storage

**Blank Ammunition Sealant 48641** should be stored in a cool, dry location in unopened containers at a temperature between 45°F to 85°F (7°C to 29°C) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

### Dispensing Equipment

**Hernon®** offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon® Sales** for additional information.

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