# ULTRA-CURE® U.V. Cure Stain

## S86TH Series Stains

### DESCRIPTION

ULTRA-CURE® UV Cure Stains are advanced high solids UV cure stains used to highlight grain of interior wood products. These UV cure stain bases have good workability and provide rich, long lasting color that does not fade or bleed. This stain is ideal for flat line operations and is formulated for sponge roll and vacuum application method. Typical end use applications include Kitchen Cabinets, Residential and Commercial Furniture, Moldings. Please contact a local Sherwin-Williams Product Finishes representative near you for details.

### ADVANTAGES:
- Low VOC, less than 0.25 lb/gal
- No reportable VHAPS
- Clean, rich wood tones
- Durable colors - no fade or bleed
- Good open time and workability

### CHARACTERISTICS

**Theoretical**

**Disclaimer:** The characteristics provided herein describe a typical product from this series. Formula customization may impact product characteristics. Contact your Sherwin-Williams Product Finishes sales representative for details.

| Volume Solids: | 98 ± 1% |
| Weight Solids:  | 98 ± 1% |
| Viscosity:      | 65-71 KU @ 77°F |

**Recommended film thickness:**
- Mils Wet: 0.2 – 0.5
- Mils Dry: 0.2 – 0.5

**Spreading Rate (No Application Loss):**
- Average 1600 sq ft/gal @ 1.0 mil

**Recommended Radiation Level:**
- Band A: 600-1547 mJ/cm²
- Band B: 400-1274 mJ/cm²
- Band C: 120-233 mJ/cm²
- Band V: 400-1093 mJ/cm²

**Lamp Requirements:**
Gallium and Mercury vapor lamps must be utilized in conjunction with each other to promote cure.

**Flash Point:** > 200°F PMCC

**Package Life:** 6 months, unopened

**Storage:** Refer to product specific SDS

### SPECIFICATIONS

**Wood (Interior Only):** Must be clean, dry, and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints, and any contamination to ensure optimum adhesion and coating performance properties. Moisture content of wood should be 6 to 8%.

**Testing:** The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

**Air Quality Data:**
- Photochemically Reactive
- Volatile Organic Compounds (VOC) theoretical, maximum, less exempt solvents as packaged: <0.30 lb/gal, 36 g/l
- Volatile Hazardous Air Pollutants (VHAPS) as packaged: No reportable VHAPS

An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com.
### APPLICATION

**Typical Setups**

**May be applied by:**
- Roll coater
- Vacuum Coater

**Cleanup:**
Clean tools/equipment immediately after use with acetone or suitable cleaner. Follow manufacturer's safety recommendations when using any solvent.

### ADDITIONAL INFORMATION

- Not recommended for exterior use.
- Sand wood surface with 240-280 grit sand paper to ensure proper adhesion.
- Storage: Refer to product specific SDS.

### CAUTIONS

**FOR INDUSTRIAL SHOP APPLICATION ONLY**

Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.paintdocs.com.

Please direct any questions or comments to your local Sherwin-Williams facility.

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