



Simco Coatings Inc.

Manufacturer of Military Spec.,  
Corps of Engrs. Spec, Industrial, &  
Marine Coatings

## TECHNICAL DATA SHEET

### **SIMGLO-440** **HIGH PERFORMANCE FLUORESCENT ENAMEL**

**DESCRIPTION:** Simglo-440 is an alkyd based premium fluorescent paint. It is made from daylight fluorescent pigments and an organic resin. Simglo-440 can be used on steel and fiberglass substrates that require a high visibility paint such as aircraft, navigational aids, safety marking, fire protection, traffic control, boats, buoys, docks, and life-saving equipment. It can be used for outdoor advertising signs, painted bulletins, store signs, truck signs, and trade exhibits.

#### **TECHNICAL DATA**

<b>FINISH &amp; COLOR:</b>	Flat, orange, red, yellow, blue, & green
<b>GRIND:</b>	5.0 minimum Hegman Gauge
<b>VISCOSITY AT 25°C:</b>	75-80 KU
<b>WEIGHT PER GALLON:</b>	8.5-9.0 depending upon the color
<b>SOLIDS BY VOLUME:</b>	55%
<b>VOLATILE ORGANIC COMPOUNDS (VOC):</b>	2.98 lbs./gallon or 358 g/l
<b>RECOMMENDED DFT:</b>	1.5-20 mils/coat
<b>NUMBER OF COATS:</b>	Normally two (2)
<b>DRY TIME:</b>	
<b>(A) TO TOUCH:</b>	2 hrs.
<b>(B) TO RECOAT:</b>	8 hrs.
<b>FLASH POINT:</b>	100°F
<b>RECOMMENDED THINNER:</b>	Simco T-1 thinner for enamel
<b>APPLICATION:</b>	Brush, roller, spray.

#### **GENERAL APPLICATION INSTRUCTIONS:**

**UNDERCOAT:** Simglo fluorescent paints are semitransparent and, therefore, brightest when applied over a clean white surface. White semi-gloss enamels, white enamel undercoats, primer-sealers and bulletin blackout whites are ideally suited for this purpose. Over old finishes, apply a white undercoat or primer that offers good adhesion to both the old finish and new Simglo paint. However, best performance can be achieved by removing old finishes and starting with a freshly primed surface.

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**SAFETY PRECAUTIONS:**

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in area.
- (E) This products contains flammable materials. Forbid all flames, smoking and welding in the work area.
- (F) Avoid breathing of vapor contact with skin and eyes.

**NON-WARRANTY:** The technical data listed herein has been compiled for your convenience and knowledge. However, since we have no control over the use of this information or of this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance or any other damages, including injuries resulting from the use of this information or of products recommended herein.

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