

# HIGHLAND INTERNATIONAL

## Engineered Paint Systems

### HiTemp #865 Series High Solids "One Coat" Silicone Alkyd Enamel For the Hot Mix Asphalt Industry

865 Series HiTemp is a single package silicone alkyd enamel coating that is limited to under 3.5 lbs. VOC per gallon. Originally designed for hot mix asphalt plants, HiTemp 865 meets a multitude of high heat demands. Due to the high silicone content and the heat and light stable pigmentation, HiTemp 865 Series maintains exceptional gloss and color purity in heat and rugged coastal and winter environments.

<b>Vehicle Type:</b>	Silicone Alkyd	<b>Dry Time:</b>	Set to Touch – 30 Minutes Tack Free – 2 Hours To Recoat – Within 3 Hours Handling – 4-5 Hours
<b>Pigmentation:</b>	Lead Free	<b>Recommended DFT:</b>	2 –3 Mils
<b>Thinner:</b>	Summer – if desired – Highland #100 Winter – if desired – Highland #120	<b>Color:</b>	Selected Range
<b>Mixing Ratio:</b>	Single Package	<b>Finish:</b>	Gloss
<b>Pot Life:</b>	Not Applicable	<b>Shelf Life:</b>	1 Year Minimum
<b>Flash Point:</b>	45°F (Lowest Flashing Component)	<b>VOC:</b>	3.5 Lbs. per Gallon (417 (Grams/Liter)
<b>Volume Solids:</b>	52%		
<b>Theoretical Coverage:</b>	832 Sq. Ft. per Gallon @ 1 Mil DFT		

**Application Requirements:** (1) All surfaces to be painted should be clean, dry, and free of all foreign contaminants. (2) Apply over 860 series HiTemp Primer, or over previously painted surfaces that are tightly bonded. (3) Stir product thoroughly prior to use. (4) Apply at a rate of 277 to 416 square feet per gallon to achieve recommended film thickness.

**Method of Application:** Conventional Spray or Airless

#### CONVENTIONAL SPRAY

Gun	Devilbiss MBC-510
Fluid Tip	E
Air Cap	704
Atomizing Pressure	60 psi
Pot Pressure	20 psi
Hose	½ inch ID

#### AIRLESS SPRAY

Gun	Graco 205-591
Pump	30:1
Tip Range	3.011 – 3.013 or 4.011 – 4.013 @ 1800 psi min.
Hose	3/8 inch ID

**Brush or Roller:** Touch-up only

**Clean Up:** After use, clean all equipment with lacquer thinner

**Special Notes:** Can be applied over clean, dry, previously painted surfaces that are tightly bonded to substrate. HiTemp may show discoloration when intermittent temperatures exceed 350°F, but will remain intact in temperature excursions up to 400°F. This product can be applied in one coat to achieve recommended film thickness.

**Safety Precautions:** (a) Use normal precautions such as gloves, face masks, and barrier creams. (b) Adequate ventilation must be maintained. In confined areas, workmen must wear constant flow airline respirators. (c) If product comes into contact with the skin, wash thoroughly with lukewarm water and soap. If eyes are contaminated, flush with water or diluted Boric Acid, and obtain immediate medical attention. (d) This product contains FLAMMABLE materials. Keep away from sparks and open flames. Observe NO SMOKING regulations. (e) All electrical equipment and installations should conform to NEC regulations. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools, and to wear conductive, non sparking shoes. (f) Observe low flash regulations. (g) Refer to Material Safety Data Sheet (MSDS) for complete safety instructions.

The technical data listed herein has been compiled for your convenience and guidelines, and is based upon our experience and knowledge. However, since we have no control over the use of this information or this product, no warranty, express or implied, is intended or given. Highland International, Inc. assumes no responsibility whatsoever for coverage, performance, or any other damage, including injuries from use of this information of products recommended herein.

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