

# INSULATING EPOXY

## TWO COMPONENT, HIGH INSULATING, HIGH SOLIDS

| NCP           | GLYPTAL   | COLOR           |
|---------------|-----------|-----------------|
| GLY-74004A    | 74004A    | Buff            |
| GLY-74004RedA | 74004 Red | Red             |
| GLY-74010B    | 74010     | Catalyst Part B |

### PRODUCT DESCRIPTION

This two-component, catalyst-cured epoxy enamel delivers a tough, chemical-resistant coating engineered for heavy-duty industrial and machinery applications. Designed for use where durability is critical, it provides strong resistance to oils, coolants, and other corrosive agents. It is well suited for machine housings, industrial equipment, interior metal surfaces, and interior wall or partition environments. The hardened film offers excellent adhesion and long-term performance under exposure to mechanical wear, chemical contact, and routine industrial stress, while supporting air-dry or low-temperature cure for application flexibility.

#### Key Features & Benefits

- Offers robust adhesion and film hardness for reliable protection of metal substrates under heavy wear.
- Delivers high durability and long-term performance in industrial, machinery, or interior equipment applications.
- Compatible with industry-standard catalyst for proper cure (requires catalyst component to activate).
- Air-drying epoxy enamel gives production flexibility without compromising chemical and mechanical resistance.
- Suitable for machinery enamel, industrial equipment, and interior metal part coatings where maximum durability is required.
- Learn more at [www.ncpcoatings.com/glyptal](http://www.ncpcoatings.com/glyptal)

### SURFACE PREPARATION

Do not apply if the application surface temperature is below 45°F (7°C) or above 110°F (43°C), or if the surface temperature is within 5°F (–15°C) of the dew point. Follow recognized industry best practices for substrate preparation, including SAE or AMPP (formerly SSPC/NACE) guidelines. Where applicable, comply with all required MIL-SPEC surface preparation procedures.

At a minimum the surface should be clean of all grease, dirt, oil, rust, and foreign material that would be detrimental to proper adhesion and desired performance of the coating system being applied.

Previously painted surfaces should be intact and sound. All loose and flaking material removed and bare spots primed with an appropriate primer. A small area should be tested with the coating to assure compatibility.

### MIXING

#### Ratio

**Part A:** 5 parts by volume

**Part B:** 3 parts by volume

#### Guidelines

**Pot Life\*:** 6-8 Hours

### APPLICATION

#### Theoretical Coverage:

**Part A:** 908-916 q. ft./gal @ 1 mil DFT

**Part B:** 426 sq. ft./gal @ 1 mil DFT

| DRY TIMES     |           |             |          |
|---------------|-----------|-------------|----------|
| <b>Touch</b>  | Overnight | <b>Hard</b> | <6 hours |
| <b>Recoat</b> | Overnight |             |          |

*Recoat: same product sprayed on top of itself*

### REGULATORY INFORMATION

#### Volume Solids:

**Part A:** 55-58%

**Part B:** 26.62%

#### Weight Solids:

**Part A:** 70-76%

**Part B:** 12.5-14.5%

#### Weight:

**Part A:** 11.1-11.5 lbs./gal, 1.33-1.38 g/L

**Part B:** 7.2-7.4 lbs./gal, 0.86-0.89 g/L

#### Viscosity:

**Part A:** 92-96 KU

**Part B:** 12-17 sec Zahn #2

#### VOC:

**Part A:** 3.08-3.16 lbs./gal, 369-379 g/L

**Part B:** 6.16 lbs./gal, 738.13 g/L

| PERFORMANCE CHARACTERISTICS            |            |
|----------------------------------------|------------|
| <b>Substrate Tested</b>                | Copper     |
| <b>Dielectric Strength (ASTM D149)</b> | 2000 v/mil |

*For additional substrates application information, contact your account manager.*

### SAFETY PRECAUTIONS

This product is intended for professional use in an industrial environment only! Consult the Safety Data Sheet prior to application for detailed information on the health and safety hazards.

## STORAGE CONDITIONS

This product must be stored in accordance with local, state, and national regulations. Preferred storage conditions: Keep containers in a dry space with adequate ventilation.

\*Pot life is measured under standard conditions. Actual working time can vary depending on temperature, humidity, and how the product is mixed.

## COMMENTS

For additional information contact your account manager.

The above parameters are to be used as a guideline only. Customer specific equipment may require a different set-up.

All values are mixed as final product unless otherwise stated.