



INSULATING ENAMEL

LOW GLOSS, LOW VOC, NO HAPS

NCP	GLYPTAL	COLOR
GLY-1201LVOC	1201 Low VOC	Red

PRODUCT DESCRIPTION

This one-component, low-VOC, no HAPs insulating enamel provides a tough, durable low-gloss finish designed to protect electrical equipment and metal components in demanding service environments. Formulated for excellent dielectric strength, strong adhesion, and long-term film stability, it maintains flexibility under heat and vibration. The coating cures to a hard, abrasion-resistant film that prevents cracking and chipping, ensuring dependable performance on coils, armatures, housings, and structural assemblies. Suitable for OEM and maintenance applications, this formulation delivers reliable insulating and protective properties while supporting improved environmental compliance.

Key Features & Benefits

- Produces a uniform, low-gloss insulating film with dependable dielectric strength.
- Offers a low-VOC, no HAPs formulation for improved compliance without sacrificing performance.
- Suitable for coils, windings, armatures, housings, and industrial electrical assemblies.
- One-component system allows easy application and efficient workflow.
- Learn more at 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.

APPLICATION

Recommended Film Thickness: DFT 1.5
Theoretical Coverage: 763 sq. ft./gal @ 1 mil DFT
Reducer: GLY-1500, up to 3:1

DRY TIMES			
Touch	30 min.	Hard	120 min.

REGULATORY INFORMATION

Volume Solids: 47.57%
Weight Solids: 58-62%
Weight: 9.7-10.2 lbs./gal
Viscosity: 61-69 KU
VOC: 2.82 lbs./gal, 338 g/L
HAPS: 0 lbs./gal, 0 g/L
Gloss: 50 minimum

PERFORMANCE CHARACTERISTICS	
Substrate Tested	Copper
Dielectric Strength (ASTM D149)	1500 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.

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.