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POLY-CHEMCURE GC-211 EPOXY COATING PRIMER

PRODUCT DESCRIPTION

A two component, solvent based epoxy coating for concrete. GC-211 is designed to be used as a primer or finish coat. GC-211 provides excellent resistance to a wide range of industrial chemicals.

PRODUCT FEATURES

1. Good chemical, abrasion, and impact resistance.
2. Outstanding adhesion and "wetting out" properties.
3. Very low permeability-tight sealed film.
4. Used as a primer and/or finish coat.
5. USDA Approvable
7. Available in wide range of colors
8. Self-priming on concrete and steel.

TECHNICAL DATA

COLORS: Lt. Gray, Med. Gray, Beige, White,
Black, Dark Blue

GLOSS: Gloss

¹ **VOLUME SOLIDS:** 55 ± 3%

RECOMMENDED DRY FILM THICKNESS:

3-4 dry mils or 220-290 sq. ft./gal.

MIXING RATIO: 1:1 by volume. Mix 1 parts Base
(Part A) to 1 part Hardener (Part B)

THINNING: Up to 10% Xylene

INDUCTION TIME: 15 min.

POT LIFE: 4-5 hours @ 75°F

CLEAN UP: 100% Xylene

MIN. RECOAT TIME: 4-6 hours @ 75°F

APPLICATION: Spray, brush, or roller

APPLICATION TEMP.: 45°F to 95°F
DRY SERVICE TEMP.: 170°F

SHELF LIFE: Minimum 12 months

PACKAGING: 10 gal or 2 gal Kits

¹ **V.O.C.:** 390 GMS/L

¹ Values listed are for Lt. Gray, other colors may vary slightly

CHEMICAL RESISTANCE

Good resistance against alkalis, salts, fresh or salt water, and some acids and solvents.

PRODUCT USES

Recommended as a finish coat on concrete floors in warehouses, tank pads, production areas, garages, and shop floors. Recommended as a primer under epoxies, polyurethanes and polyaspartics.

SURFACE PREPARATION

1. **Concrete:** Remove all laitance, efflorescence, chemical contaminants, grease, oil, old paint, and other foreign matter. The prepared surface must be clean, dry, and structurally sound. Diamond grinding or acid etching will be necessary to achieve the proper profile. Acid etch or other chemical treatments should be evaluated. Consult Garage Flooring LLC for details of specific tests pertaining to acceptable pH and surface porosity. In all cases of surface preparation, the pH should be checked. A water dissipation test and a vapor barrier test should be run. Do not apply to slabs on grade unless a heavy unruptured vapor barrier has been installed under the slab.

MIXING INSTRUCTIONS

Poly-Chemcure GC-211 is prepared by mixing 1 part Base (Part A) to 1 part Hardener (Part B) with an explosion proof variable speed drill and Jiffy mixer. Allow an induction time of 15 minutes before using. GC-211 may be thinned up to 10% with Xylene. Overthinning reduces the high film build capability.

Roller – Use a 3/8” – 1/2” short nap phenolic core, shed resistant roller cover. Roll in the same direction always keeping a wet edge. Do not over roll product.

Brush – Use pure bristle brush.

When spraying, use a 50% overlapping crosshatch pattern to minimize the occurrence of pinholes. Do not apply to surfaces below 50°F or above 95°F. Do not apply over dew or frost. Do not apply if the temperature is within 5° of the Dew Point.

RECOAT TIME

<u>TEMPERATURE</u>	<u>TACK FREE</u>	<u>MINIMUM RECOAT</u>	<u>MAXIMUM RECOAT</u>
90°F	1-2 hours	3-4 hours	3 days
75°F	2-3 hours	4-6 hours	7 days
50°F	8-10 hours	24-36 hours	10 days

Times will be longer for films thicker than 3 mils. For safety and proper product curing, good ventilation is necessary when painting indoors or in confined areas. Be sure the batch numbers are all the same to provide uniform color. Epoxy coatings may yellow or darken during application and after final cure. This will affect the color but will have no effect on the performance of the product. Heaters that emit carbon dioxide and carbon monoxide can cause the coating to yellow.

CAUTIONS

GC-211 is Flammable. Keep away from all sources of ignition during mixing, application and cure. The Hardener and Base can cause eye and skin burns as well as allergic reactions. Use goggles, fresh air masks or NIOSH approved respirators, protective skin cream and protective clothing. This product is sold without warranty as to performance expressed or implied. Users are urged to make their own tests to determine the suitability for their particular conditions.

**SEE SAFETY DATA SHEET FOR FULL SAFETY PRECAUTIONS
KEEP AWAY FROM CHILDREN.**

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