

DESCRIPTION

Three component, high solids zinc rich epoxy polyamide primer.

COLOR

Zinc gray

PACKAGING

One and three gallon units (kits), premeasured for easy blending at jobsite. Kits are provided so as to yield a full one or three gallon unit upon mixing all components.

USES

U-497 is an organic zinc rich primer used for cathodic protection to steel surfaces in salt environments. It is designed for use as a primer for U-Series epoxy and urethane topcoats.

The specific topcoat is selected on the basis of the environmental and performance requirements of the project at hand. Generally, corrosion resistant topcoats are selected to provide a high performance total coating system.

Technical Data

Suggested Number of Coats:	One
Min. Dry Film Thickness:	3.0 mils
Coverage @ 3.0 mils DFT:	290 sq. ft. / gal.
% Zinc in Dry Film:	Approximately 90%
Dry Time*:	To Touch – 2 hrs. To Topcoat – 8 hrs.
Thinner:	CFI 711
Pot Life:	Min.: 6 hrs. @ 72°F
Temp. Limitation:	215°F. Continuous Dry
Volume Solids:	55%
Weight Solids:	84%
Min. Application Temp.:	40°F
Method of Application:	Spray preferred (pressure pot should be equipped with agitator)
Shelf Life:	One year
Induction Time:	None

SURFACE PREPARATION

Prior to sandblasting, all grease, oil and other contaminants must be removed by suitable method such as solvent cleaning or chemical cleaners. Surface should then be sandblasted to (SSPC-SP 10/NACE No.2) near white blast for optimum results.

MIXING

Using a power mixer, slowly add Part B to Part A while mixing. Add Part C and mix thoroughly for a minimum of 3 minutes.

APPLICATION

U-497 may be applied by brush, roller, or spray application (air atomizing or airless). An agitator equipped pot should be utilized during application to prevent settling of heavy zinc pigment.

PRECAUTIONS

Contains flammable solvents. Keep away from heat, sparks and open flames.

HARMFUL OR FATAL IF SWALLOWED.

Vapor harmful. Eye irritant. If swallowed, do not induce vomiting. Call physician immediately. Avoid prolonged contact with skin, do not breathe vapor or spray mist. In case of contact with eyes, flush repeatedly with water and contact a physician.

Use with adequate ventilation. In confined areas, use adequate forced ventilation during application and drying. If application is by spray method suitable protective vapor/particulate respirator should be worn by all personnel in the area.

In poorly ventilated enclosed areas or when airborne concentrations exceed TLV (ceiling), a fresh air supplied mask should be worn. In all cases, observe OSHA regulations for respirator use (29 CFR 1910.134) whenever a respirator is used.