

# PRODUCT DATA WEARCOAT 491

Coatings For Industry, Inc. • 319 Township Line Road, Souderton, PA 18964 / 215-723-0919

## Description

Two component high build, high solids polyamide cured novolac epoxy finish coating.

#### Colors

Available in standard full gloss colors. Special colors and gloss can be matched upon request.

# **Packaging**

5 gallon kits and 1 gallon kits, premeasured for easy blending at the jobsite.

#### Uses

Wearcoat 491 can be used on submerged or non-submerged metal and concrete surfaces. This coating combines good abrasion resistance making it suitable for such demanding services as steel mills, paper mills, refineries, and storage battery plants.

### **Technical Data**

Volume Solids:

Weight Solids: Dry Film Thickness, minimum:

movimum:

maximum:

Theoretical Coverage @ 4 mils DFT: Drying Time @ 70°F& 50% R.H.:

Pot Life @ 70 °F. & 50% R.H.:

Primer, metal:

concrete:

Minimum Application Temperature:

Service Temperature Range:

Method of Application:

Thinners:

Cleaner:

Induction Time:

65% (Will vary slightly 75% depending on color)

3 mils DFT 5 mils DFT 260 sq. ft./gallon

To touch - 2 to 4 hours

Full physical properties - 2 to 3 days Full resistance properties - 7 days

6 hours

Wearcoat 497; Wearcoat 499(submerged surfaces): Urethabond 104: Urethabond 109

Wearcoat 490

50 °F.

0°F., to 250°F.

Brush, roller, or spray

CFI 735 Thinner for brushing CFI 711 Thinner for spraying

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CFI 704 Cleaner

None

# **Surface Preparation**

Previously painted or rusted surfaces - All previously coated surfaces in good condition need not to be stripped. However, these surfaces should be roughened to insure adhesion. Bare surfaces should be cleaned and primed with CFI Epoxy Primer Wearcoat 499, 497, or Urethabond 109. Rusted surfaces should be grit blasted or can

be primed with Urethabond 104 (See CFI Bulletins 104 and G-2), a single component

aluminum pigmented moisture curing urethane primer for use on rusted surfaces. Submerged surfaces - Should be grit blasted and primed with Wearcoat 499. Concrete should be etched with muriatic acid and primed with Wearcoat 490.

All surfaces should be free of scaling rust, grease, oil, dirt, or other contaminants.

# Application

Thoroughly mix each component, then combine components and mechanically mix. Apply by brush, roller, or spray. Do not apply when the temperature of the substrate is below 50°F.

Maintain a wet film thickness of between 5 and 8 mils. Film build above that range will cause a considerably longer tack-free dry time.

#### **Precautions**

Contains aromatic hydrocarbons and glycol ethers. HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE.

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 physician.

Keep away from heat, sparks and open flames. Prohibit smoking. Use explosion proof equipment. Use with adequate ventilation. In confined areas, use adequate forced ventilation during application and drying. In areas where there is a minimum of air movement, a fresh air mask (such as #W-92 manufactured by 3M Co.) should be used.

Refer also to Material Safety Data Sheet.

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