

## Watch Dog CPU 647 – SPECIFICATION AND DATA SHEET

**PRODUCT NAME:**

**CPU 647 Graffiti Barrier Coating**

**MANUFACTURER**

Dumond Chemicals

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**Watch Dog CPU-647** is a two (2) component, non-sacrificial, waterborne polyurethane coating providing the ultimate surface protection against graffiti, harsh chemicals, solvents, chalking and severe environmental elements. Formulated with unique resin chemistry and DuPont Zonyl® Fluoro additive for superior abrasion resistance, long term beading and repellency properties – making maintenance and graffiti removal quicker and easier for an array of substrates (brick, concrete, stucco, copper, brass, aluminum, wood, plastic, and painted surfaces) and is suitable for both interior and exterior applications. **(Available in both a Clear and Pigmented formula)**

**FEATURES & BENEFITS:**

- Ideal for All Painted Surfaces, Interior or Exterior
- Easy Graffiti Removal....Beading and Repellent Properties
- Enhances and Maintains Uniform Appearance
- Provides Exceptional Chemical and Abrasion Protection

**TEST AREA:**

**ALWAYS TEST** each type of surface/substrate before general uses to determine compatibility, yield, appearance, and desired results before overall application. Also test for the application technique and method needed to achieve an even and uniformed application that results a **Wet Mil**

**Film Thickness of 4.0 mils per coat;** do not exceed this Wet Mil Film Thickness or allow the product to puddle or pond, this will cause hazing.

**SURFACE PREPARATION:**

Surface must be clean, dry, and free from dirt, grease, oil and other contaminants which may inhibit adhesion. If cleaning is necessary, pressure wash and use the appropriate **DUMOND Safe 'n Easy® Stone & Masonry Care** product to ensure all surface contaminants are removed. When applying over existing paint, check for compatibility before starting. Metal and Glossy surfaces must be sanded for adhesion. **Watch Dog™ CPU-647** should **not be applied** when air or surface temperatures are or likely to be lower than 40° F, or above 95° F. Apply the coating only when the surface and air temperature is more than 5° F above the dew point and relative humidity is below 85%, cold conditions or condensation may adversely affect the appearance of the dried film.

**HOW TO USE:**

**Mix each component (Part A & B) separately before mixing together.**

**1.** Add one container of **Part B** to one container of **Part A** and mix thoroughly. If not sufficiently mixed, the product will not dry and cure. After mixing the two components together, cover the catalyzed mixture and allow the mixed (A+B) components to sit or sweat-in for 10 minutes prior to application. **2.** Maximum pot-life is 4 hours, higher temperatures will slightly reduce the pot-life and do not apply mixed (A+B) product after 4 hours. **3.** Apply even and uniformed coat using HVLP, Airless Spray Equipment, brush or roller (short nap with solvent resistant core) not exceeding a **Wet Mil Film thickness of 4.0 mils per coat**, avoid excess overlapping. **4. Second Coat:** Allow the surface to dry to the touch before applying the second coat (Approximately 4

hours). Repeat application as described for first coat. **5.** Clean tools and equipment with M.E.K. or Acetone.

**NOTE:** Non-porous and painted surfaces require only one coat. Bare surfaces or unfilled porous substrates require a two coat application for maximum protection and easy graffiti removal, substrate must be pin-hole free. **Watch Dog CPU Masonry Primer/Sealer** is recommended as the first coat on porous substrates to fill voids and cavities, requiring only one finish coat of **Watch Dog CPU-647**. When using the pigmented formula, depending on the color, two coats may be needed to achieve color uniformity.

**COVERAGE AND MIL FILM THICKNESS:**

Wet - 4.0 mils @ 325/350 sq. ft. /Gallon Kit

Dry – 2.0 mils @ 325/350 sq. ft. /Gallon Kit

**MAINTENANCE:**

**Graffiti Removal:** Allow 7-10 days curing time prior to applying or removing graffiti; once the substrate has cured, remove graffiti as soon as possible. Apply **Watch Dog Lift Away Graffiti Remover** directly to the graffiti and allow it to work for 5-30 minutes. Agitate with a nylon scrub-brush and rinse thoroughly with water.

**Note:** Use of any product other than **Watch Dog Lift Away Graffiti Remover** to remove graffiti may damage the protective coating, thereby necessitating reapplication. The use of this chemical graffiti remover before the coating has cured (7-10 Days) will affect the integrity of the coating.

**SAFETY & FIRST AID:**

**1.** Use with adequate ventilation, avoid excessive exposure and breathing of vapor. Keep mixed solutions and “B” component away from heat sources, sparks and flames. Avoid contact with skin or clothing and wash thoroughly after handling.

**2.** Wear solvent resistant gloves, goggles, and properly fitted OSHA approved respirator during application.

**AVAILABILITY & COST:** Watch Dog™ products are available through a nationwide network of paint and hardware stores, and construction and safety supply distributors. For the outlet nearest you, call 800/245 -1191 or email [plaway@aol.com](mailto:plaway@aol.com). Watch Dog™ CPU-647 coverage rates.

**LIMITED WARRANTY:**

The manufacturer and distributors liability under any express or implied warranty is limited solely to replacement of product that is defective or refund of the purchase price. Claims must be made within one year of purchase and be accompanied with proof of purchase. The manufacturer and distributors shall not be liable for injury, labor or any consequential damages.

**TECHNICAL SERVICES:** Dumond’s expert staff is available to answer technical questions and provide product-specific information required by architects, specifiers, contractors and property owners. Expert, on-site assistance is available at no additional cost. Call 800/245-1191 or email [plaway@aol.com](mailto:plaway@aol.com) with product or technical questions. Contains n-Methyl-2-pyrrolidone CAS# 872-50-4, Propylene Glycol Ether CAS# 1569-01-03; n-Methyl-2-pyrrolidone has been found to cause toxicity in the fetus of laboratory animals exposed during pregnancy.

**Technical Data:**

Appearance: Part A- Clear or Pigmented- Part B: Clear/Pale yellow

Solids by Volume: 39.6% V.O.C < 100 per liter

Flash Point: N/A

pH: 7.0-8.0

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