



*"YOU SUPPLY THE TALENT... WE'LL SUPPLY THE REST!"*  
**THE COMPLEAT SCULPTOR**

**Technical Information Sheet - EX-74 UV Epoxy Polymer Coating**

**GENERAL INSTRUCTIONS**

EX-74 is an extremely clear, tough, high gloss surface coating formulated to produce a deep glass like appearance in a single layer on a sealed surface. Two or more layers are often applied for added depth and protection. EX-74 has been formulated for improved UV resistance to reduce yellowing and surface degradation from UV exposure. EX-74 has an extended "open time" which allows up to 5 minutes in the mixing container at 70° F and up to one hour working time on the surface being coated. EX-74 is waterproof, heat & alcohol resistant.

**Mix Ratio:** 1A:1B

**Thin Film Set Time/Hour:** 5

**Durometer Hardness:** 78 +/- 4  
*(2 Hours @ 60° C)*

**Tensile Strength:** 3390

**Tensile Modulus:** 261,500

**Tensile Elongation %:** 24

**Flexural Yield Strength:** 6752

**Flexural Yield Strain:** 5.8

**Flexural Yield Modulus:** 197,848

**Tg - °C:** 53

**Viscosity CPS @ 77° F:**

*Resin (A):* 3500

*Hardener (B):* 1400

**Density (lbs/gal):**

*Resin (A):* 9.64

*Hardener (B):* 8.05

**VOC (grams/liter):** 0

**Gel Time (minutes):** 51 +/- 3

*(100 gram mass @ 22° C)*

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET (MSDS) FOR THIS PRODUCT BEFORE USING.

PRECAUTIONS: AVOID INHALATION, INGESTION, EYE AND SKIN CONTACT. WEAR PROTECTIVE GLOVES AND GOGGLES. DO NOT WEAR CONTACT LENSES. DO NOT TAKE INTERNALLY. USE ONLY IN ADEQUATE VENTILATED AREAS. USE WINDOW EXHAUST FAN OR OTHER SUITABLE EQUIPMENT TO REMOVE VAPORS AWAY FROM THE WORK AREA. WASH WITH SOAP AND WATER AFTER USE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:**

SKIN CONTACT: Irritation, dryness, flaking. After sensitization, hives or rashes.

EYE CONTACT: Irritation, redness, or eye watering.

INHALATION: Irritation. After sensitization allergy type symptoms, with possible breathing difficulties. May cause Central Nervous System (CNS) depression. Evident by headache, dizziness, or nausea.

EYE CONTACT: Irritation, redness, or eye watering.

INGESTION: Irritation. Large quantities may cause nausea, and vomiting. May cause Central Nervous System (CNS) depression. Evident by headache, dizziness, or nausea.

**EMERGENCY AND FIRST AID PROCEDURES:**

EYE CONTACT: Remove any contact lenses and flush eyes for 15 minutes with water. Hold eyelids open to ensure complete flushing. CONTACT A PHYSICIAN IMMEDIATELY.

SKIN CONTACT: Remove contaminated clothing/shoes and wipe excess from skin. Flush skin with water. Follow by washing with soap and water. If irritation occurs, GET MEDICAL ATTENTION. Do not reuse clothing until cleaned. Contaminated leather articles, including shoes, cannot be decontaminated and should be destroyed to prevent reuse.

INHALATION: Leave the area to obtain fresh air. If breathing has stopped, give artificial respiration then oxygen if needed. If difficulty breathing or other symptoms continue, CALL A PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY or the Poison Control Center. If patient is conscious, give 12-16 oz of water for dilution effect only. Do not give anything by mouth to an unconscious or convulsing person.

**IMPORTANT:**

Technical information supplied by The Compleat Sculptor, Inc. shall not constitute a representation, warranty or condition. All such advice is given and accepted at the buyer's risk. The test data and results set forth herein do not necessarily indicate the results that the buyer or user will attain. Full-scale testing and product performance is the responsibility of the buyer and user.

**Contact us at (212) 367-7561 for pricing and availability**