

TECHNICAL DATA SHEET

POWER BOND 5™

METAL EPOXY AND ADHESIVE

PART NUMBER(S):

ET2521

NET WT 1 OZ (28.3 GRAMS)

Power Bond 5™ automatically dispenses into equal parts with one push. The new generation applicator ensures no mess, no spilling and no dried out tubes. **Power Bond 5™** is perfect for repairing appliances, tools, etc. It bonds most metals including copper, steel, stainless steel, aluminum, brass and iron. It features 2500 psi sheer strength and once cured withstands -40°F to 300°F (-40°C to 149°C). **Power Bond 5™** sets in 5 minutes, and item can be handled in 1 hour; it reaches full cure after 24 hours. Cure color: light grey. **POSITIONING TIME 2-3 MINUTES.**

WHO: Building engineers, sheet metal shops, plumbers, electricians, carpenters, public works departments, hospitality, apartments, military, automotive, car detailing shops, public transportation, power plants, schools, government facilities, aerospace, construction and maintenance.

WHERE: Appliances, tools, metal parts that need repair.

WHAT: Copper, steel, stainless steel, aluminum, brass, iron.

FEATURES AND BENEFITS:

- Sets in 5 minutes
- Bonds copper, steel, stainless steel, aluminum, brass and iron
- 2500 psi strength

DIRECTIONS: Protect work surfaces (metal foil works well). Bonding surfaces should be clean and dry. Roughen smooth surfaces for better adhesion (using abrasive and sandpaper). Remove storage cap located in plunger. **POINT TIPS AWAY FROM FACE AND BODY WHILE OPENING.** Point syringe towards mixing tray and snap off tip end and open. Use clean cardboard to mix on. **DO NOT** mix on metal. Dispense equal parts of resin and hardener by pressing down slowly on plunger. Mix thoroughly until uniform color using a wooden stick, plastic knife, or other clean non-metal stirrer. Apply mixed epoxy both surfaces to be bonded and hold parts together with a clamp, tape or weights. Remove excess epoxy immediately using a paper towel and denatured alcohol, prior to set. Product sets in 5 minutes. Item can be handled in 1 hour. Full cure in 24 hours. **NOTE:** For cooler temperatures, setting time may be longer. To seal syringe, pull back on plunger, wipe tips and place cap firmly on tips. **NOTE:** Cap will only fit one way on tips. Store upright with tips up. Cured product withstands -40°F to 300°F (-40°C to 149°C). Use in well ventilated area.

NOTE: Prolonged exposure to temperatures above 85°F may result in pressure build-up in unopened syringe. Use caution when opening, pointing tips away from face and body. **NOTE:** Not recommended for drinking water applications. **NOTE:** When cured product will be visible, pre-check color by mixing small sample on clean cardboard and viewing final color after 48 hours.

ACTIVE INGREDIENTS: Epoxy resin (Bisphenol A) (25068-38-6), Bisphenol F epoxy resin (9003-36-5).

HMIS RATINGS: Health: 3; Flammability: 1; Reactivity: 0; Personal Protection: B.



TOLL FREE:
800.425.8070

ECOLINE INDUSTRIAL SUPPLY, INC
GOECOLINE.COM