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Bond-Aide P-1500

EPOXY PUTTY STICK

Infinite Uses

- **PLUMBING REPAIRS** : Sink, taps, oil and water tanks, pipe joints, drain leaks, etc
- **ELECTRICAL** : Use in place of tape, ceramic connectors, knobs, etc.
- **CERAMIC REPAIR** : Cracked porcelain wall tile, floor tile, etc.
- **AUTO REPAIRS** : Metal strips, small dent repairing, fuel tank, radiators, etc.
- **UNDERWATER REPAIRS** : Concrete swimming pools, fish tanks, etc.
- **CUSTOM FORMED GASKETS** : For permanent sealing and bonding.
- **HOME REPAIRS** : Dethreaded screws in wood or metal, picture hanging, light fixture installation, fixing loose rungs and legs on furniture, air duct leaks, etc.

MIXING DIRECTIONS:

Break off required portion of material **1**



Twist and knead until uniform color is achieved—no streaks **2**



Apply **AT ONCE** to surface. (2 minute work life) **3**

Remove excess before it hardens **4**

HARDENS LIKE STEEL IN 20 MINUTES

Bond-Aide P-1500 will **PLUG** or **SEAL** practically anything that leaks. It will **PATCH** holes and cracks, **MEND** almost anything that is broken. It is excellent for **REBUILDING** or **FABRICATING PARTS** and as an all purpose **ADHESIVE** for metals, wood, glass, masonry, ceramics, and many plastics. Also, it can be drilled, tapped, filed, sanded, and painted like metal. Sets steel-hard in 20 minutes.

HINTS FOR USE

- Bond-Aide P-1500 adheres to most surfaces. Best results will be achieved if area is first roughened by sanding or filing to clean and prepare surface.
- Starts to harden 2 minutes after mixing. Repair should be in place before hardening starts.
- A smooth finish can be obtained by rubbing with wet finger or damp cloth before

hardening begins.

- Bond-Aide P-1500 can be drilled, filed, tapped, sanded and machined after one hour of curing (hardening).
- Can be painted immediately, even before full hardening.
- Bond-Aide P-1500 can be used under water. Mix as usual and use the polyethylene wrapper, so material will not stick to hands as the Bond-Aide P-1500 is being forced onto the wet surface.
- Not recommended for use on polyethylene and polypropylene
- Wash hands thoroughly with soap and water after using Bond-Aide.



SAFE FOR LINES CARRYING POTABLE WATER

Physical Properties

Density 15.8 lb/gal... (1.9 gm/cm³)
 Compression Strength... 18,000psi
 Tensile Strength..... 6,000psi
 Modules of Elasticity..... 6 x 10³
 Shear Strength..... 700psi
 Izod Impact... 0.3 ft.lb/in of notch
 -Hardness (Shore D)..... 85
 -Maximum Use Temp..... 300°F (149°C)

WARNING: Harmful if swallowed, eye irritant, contains epoxy and amine resins. Keep away from children. If swallowed, call a physician. For eyes, flush with water and call a physician.

Electrical Properties

Volume Resistivity..... 5 x 10³ ohm-cm
 Dielectric Strength..... 400 volts/mil @ 0.125 in.

DESCRIPTION

Bond-Aide P-1500 is a HAND MIXABLE EPOXY ADHESIVE SEALANT that CURES IN MINUTES to repair almost anything made of metal, masonry, wood, ceramic, glass and many plastics. It consists of two parts, a BASE and a contrasting colored CURING AGENT. Once the base and curing agent are thoroughly blended, the putty-like mixture will appear uniform in color and WILL HARDEN LIKE STEEL AFTER 5-10 MINUTES. After just ONE HOUR, P-1500 is COMPLETELY CURED and can be sanded, filed, painted

and even drilled and tapped as though it were metal.

Additional features of cured P-1500 include resistance in abrasion, resistance to a variety of chemicals, excellent adhesion to both wet and dry surfaces and good electrical insulating properties.

Bond-Aide P-1500 contains no solvents, is non-toxic, and is easily readied for application without any mess. Unlike liquid epoxies, P-1500 will not drip or sag. Also, since it is free of solvents, it will not shrink upon curing.

In general, P-1500 will PLUG or SEAL practically anything that leaks. It will PATCH holes and cracks, MEND almost anything that is broken and RESET tile, molding and trim. It is excellent for REBUILDING or FABRICATING PARTS, for REPLACING SOLDER and WELDS and as an all purpose ADHESIVE for metals, wood, glass, masonry, ceramics and many plastics. Also, it can be drilled, tapped, filed, sanded and painted like metal.

USES:



Plumbing Repairs



Electrical Repairs



Ceramic Repairs



Auto Repairs



Underwater Repairs



Custom Formed Gaskets



Home Repairs

Bond-Aide P-1500 is particularly useful in the following areas:

PLUMBING REPAIRS

- Stops leaks in Sink Traps, Pipe Joints, Hot Water Tanks, damaged Water Pipes
- Seals leaks in BATHROOM FIXTURES

AUTOMOBILE and BOAT REPAIRS

- Stops leaks in GAS TANKS, RADIATORS, and OIL PANS
- Fills holes and dents in CAR BODIES and fiberglass of wooden HULLS
- Reattaches TRIM

ELECTRICAL CONNECTIONS

- Can be used in place of tape or ceramic connectors

UNDERWATER REPAIRS

- Patches holes and cracks in SWIMMING POOLS without the need to drain
- Stops leaks in FISH TANKS

INDUSTRIAL APPLICATIONS

- Stops leaks in OIL and WATER TANKS
- Plugs holes and seals seams in AIR DUCTS
- Seals leaks in AIR CONDITIONING COILS
- Patches holes in FLOORS and WALLS
- Can be used to Restore Stripped THREADS and make new threads by drilling and tapping cured epoxy.
- Serves as a THREAD LOCK for pipes & fasteners
- Useful for attaching MACHINE TAGS
- Fills cracks and gouges in CASTINGS
- Anchors machines, rods, bolts, screws
- Can be used as a FILLETING COMPOUND
- Can be used to for TOOL HANDLES, CAMS, and many other parts.

HOME REPAIRS

- Useful in the BATHROOM for resetting CERAMIC TILE, sealing leaks in CERAMIC FIXTURES, and SINK TRAPS, patching cracked PORCELAIN
- Seals leaking DOWNSPOUTS & GUTTERS
- Mends TOYS and loose rungs and legs in furniture
- Replaces or mends broken HANDLES
- Stops leaks in kitchen & laundry APPLIANCES

MISCELLANEOUS

- Repairs BICYCLE FENDERS and FRAMES
- For mounting PICTURES and SIGNS
- Can be used in MODEL MAKING & SCULPTING
- Filling NAIL HOLES

PERFORMANCE DATA

Working Life: 3-8 minutes

@ 75°F (24°C)

Shelf Stability: 1 year

minimum @ 75°F (24°C)

Density: 15.8 lb/gal (1.9 gm/cm³)

Shore D Hardness: 70-80 after 1 hour @ 75°F (24°C)

Compression Strength: 18,000 psi

Lap Shear Tensile Strength on Steel: 700 psi (4.83 MPa) after 1 hour @ 75°F (24°C)

Tensile Strength: 6,000 psi

Temp. Limitations: 250°F (121°C)

Continuous: 300°F (149°C) intermittent

Chemical Resistance: excellent with inorganic acids and bases and aromatic and aliphatic solvents.