



## TECHNICAL DATA SHEET

### PIONEER PLUS FIVE EPOXY

#### PRODUCT DESCRIPTION

**Pioneer Plus Five Epoxy** is a thermosetting type of adhesive that cures in 5 minutes. It dries clear, producing an invisible glue line. It develops strength even at temperatures as low as 0°F. It adheres to almost all surfaces. It is ideal for fast perfect bonding and repair of glass, concrete, steel, wood, marble, stone, enamel, some plastics and porcelain. It combines the high quality strength of epoxy adhesives with an extra fast setting characteristics of a contact adhesive. No jigs and no clamps support needed while setting.

#### TYPICAL USES

1. To bond parts and accessories for do-it-yourself projects and hobbies.
2. For general home repairs.
3. To mend broken china and pottery.
4. To bond porcelain or metal designs to wood, marble, concrete and many others.

#### TECHNICAL DATA

Color	
Part A	White, hazy
Part B	Very light yellow
Consistency	Flowy
Solids Content	100%
Mixing Ratio	1:1 by volume
Potlife	3 – 5 minutes
Cure Time	
Initial Strength	5 minutes
Full Cure	
Maximum Strength	72 hours
Shrinkage	nil
Chemical Resistance	Resistant to oil, gasoline, turpentine, some acids, alkalis, hot or cold water
Shelflife	2 years from date of manufacture

*Other data available upon request*

#### INSTRUCTION FOR USE

#### SURFACE PREPARATION:

Surface contaminants such as dirt, grease, oil or wax must be removed from areas to be joined. Clean surfaces by sanding, sandblasting or brushing for stronger bonds. Surfaces should be clean and ready for application before the adhesive is mixed.

#### MIXING:

Mix equal part by volume of Part A and Part B. Better to use separate spatulas (or spoon) to avoid contamination. Blend thoroughly until color streaks disappear and uniform color is obtained. To avoid waste, prepare a quantity just enough to be consumed within 3 minutes.

#### METHOD:

Apply mixed compound with a putty knife or spatula on one or both faces of glue joints. Join surfaces with sufficient pressure to ensure complete contact. Allow to cure or to harden. Unnecessary handling should be avoided until cure is complete. On its uncured state, scrape off excesses from edges or joints or immediately spread out the mixture on surfaces to be settled, filled or patched.

#### CLEANING:

Clean all tools or equipment used while adhesive is still in its uncured state. Use acetone, toluene, methyl ketone or kerosene to clean tools and spills.

#### HEALTH PRECAUTIONS:

Avoid contact with skin and eyes. It may cause irritations with sensitive skins. If skin contact occurs, wash with soap and water. If skin irritation persists, seek medical attention. If material contacts the eyes, flush thoroughly with water and get medical attention immediately. Do not take internally. Keep material out of children's reach.

#### PACKAGING

##### BLISTER PACK

6g (6mL)/set in strip pack	24 strips/box
15g (15mL)/set	24 sets/box