



TECHNICAL DATA SHEET

PIONEER MARINE EPOXY

PRODUCT DESCRIPTION

PIONEER MARINE EPOXY is a 100 % solids thermosetting plastic compound that forms strong bonds on a wide variety of rigid materials; e.g. glass, metals, ceramics, concrete, wood and some plastics (except polyethylene, soft PVC and teflon). It is used as boat filler for hair line gaps, as a putting compound and as an adhesive.

TYPICAL USES

PIONEER MARINE EPOXY serves as a Marine Adhesive.

- Adhesive for boat building
- Gap sealer for wood imperfections and joints.
- Repairing or restorations of wooden boat.
- As putty (masilya) for wooden boat.

TECHNICAL DATA

Color

Part A	:	Gray
Part B	:	Beige
Consistency	:	Soft paste
Solids Content	:	100%
Pot life	:	1-2 hours*
Mixing Ratio	:	1:1 by volume
Cure Time**	:	
Initial Strength	:	6-8 hours
Full Cure: Maximum	:	
Strength	:	96 hours
Shelf Life	:	2 years from mixing date

* Potlife was determined using 1:1 ratio by volume in quart size as basis. Result is longer during cold weather or when mixing small quantities.

** Cure time can be accelerated by application of heat, 65-80°C; this would develop an early full strength.

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 the pot life period (1-2 hours).

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:

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

TIN CANS

Gallon set	2 sets/box
Quart set	6 sets/box
Pint set	12 sets/box
½ Pint set	24 sets/box
¼ Pint set	50 sets/box