



Total Adhesive Solutions

TECHNICAL DATA SHEET

NON SAG MARINE EPOXY

PRODUCT DESCRIPTION

MAXIBOND NON-SAG MARINE EPOXY is a handy thermosetting compound with a putty-like, non-flowing consistency, making it very suitable for use as an adhesive, sealant and gap filler especially in boat making applications. It performs well on vertical or overhead applications.

Its bonding capability exhibits outstanding adhesive strength, impact and mechanical strength. It has also the capability to resist against acids, alkalis, oils and saltwater.

TYPICAL USES

As an adhesive

- ❖ Dry or damp surfaces of wood, metal, concrete, glass, fiberglass (FRP or GRP) and some plastics.
- ❖ Attachment of metal fixtures, hull fittings and trims.
- ❖ Mounting engine bolts and metal or concrete pipe joints.

As a sealant

- ❖ Wood or metal structures encapsulation to strengthen and protect them from corrosion, deterioration and decay
- ❖ Rough or imperfect grains of wooden hulls and structures.
- ❖ Leaks on rigid pipe joints.

As a filler

- ❖ Dents or curves and punctured holes of metal structures such as cars, trucks, other vehicles or equipment.
- ❖ Gaps and other irregular surfaces of wooden boat hull structures.
- ❖ Uneven pattern of fiberglass (FRP or GRP)
- ❖ Sheathing of boat hulls prior to finishing or painting.

As for repairs

- ❖ Imperfect joints, cracks, rot areas or holes caused due to attack of sea creatures or when wood replacement is necessary.
- ❖ Defects on masonry such as loose ceramic tiles, adobe stones, bricks.

TECHNICAL DATA

Color	Part A	Light Yellow
	Part B	Beige
Solid Content		100%
Consistency		Thixotropic paste
Mixing Ratio		1 : 1 by volume
Potlife		35-75 mins
Shelf Life		2 years from filling date
Slump		nil (1/2")

Coverage per Gallon set

1/16" thickness : 45 sq. ft.

1/8" thickness : 23 sq. ft.

1/4" thickness : 11 sq. ft.

1/2 " thickness : 6 sq. ft.

INSTRUCTION FOR USE

Surface Preparation.

Areas where **MAXIBOND NON-SAG MARINE EPOXY** should be applied must be clean and free from dirt, grease or oil to achieve maximum adhesion. No remains of oil must be seen. If the surface is still oily, it should be washed with detergent to remove the oil and thoroughly flush with clean water.

MAXIBOND NON-SAG MARINE EPOXY will adhere to either damp or dry surfaces. Surfaces should be clean and ready before the adhesive is mixed.

Mixing.

Mix equal parts by volume of components A and B. Better to use a separate spatula to avoid contamination. Blend well until a uniform color is obtained and color streaks disappeared. Prepare only sufficient amounts, just enough to be consumed within its potlife.



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Method.

Apply **MAX!BOND NON-SAG MARINE EPOXY** by SPATULA or PALLETTE KNIFE. Scrape off excesses from edges or joints or immediately spread out the mixture on surfaces to be sealed, filled or patched on its uncured state where it is still soft to handle.

Allow to set or harden within 4 hours prior to sanding or filing. Unnecessary rough handling should be avoided until full cure is achieved.

Cleaning.

Use alcohols, ketones or kerosene to clean tools before it hardened or where it can still be soft to remove.

Health and Safety Precautions

Avoid prolonged or repeated skin contact; wash thoroughly with soap and water. In case of eye contact, flush with clean water and get medical attention immediately.

Wear rubber or plastic gloves to avoid contact with skin. Avoid the use of strong solvents in cleaning.

Fire Safety

MAX!BOND NON-SAG MARINE EPOXY is non flammable.

PACKAGING

MAX!BOND NON-SAG MARINE EPOXY is available in ¼ pint, ½ pint, pint, quart, and gallon cans.