

TECHNICAL DATA SHEET**MARINE EPOXY PAINT***Epoxy Coating for Marine Environment***PRODUCT DESCRIPTION**

MARINE EPOXY PAINT is an epoxy, polyamide-based resin developed specifically for marine environment. It yields a flexible film with a very high impact resistance and superior protection against saltwater, acids, alkalis and other destructive elements.

CUSTOMER BENEFITS

- High durability
- Lasts twice as long as QDE
- Does not peel or crack
- Reduces repairs/dry-dock times

AREAS OF APPLICATION

- Wooden boats
- Storage tanks
- Bridges
- Industrial equipment and other objects requiring a protective coating

PRODUCT SPECIFICATION

Coverage	8.97 sq. m/liter
Reaction Period	30 minutes
Dry Time @ 32 °C	
Set-to-touch	1-2 hours
Tack-free	2-5 hours
Dry-through	2-3 days
	1 coat = 2 mils
Pot Life	3-4 hours

Note: *The figures quoted for potlife and drying/curing times are dependent on site conditions such as volume of material mixed, ambient and substrate temperatures, weather and ventilation.*

The epoxy resins used in marine paints are diepoxide types based on diphenylolpropane (Bisphenol A) and epichlorohydrin. Cured epoxy resins have good resistance to many solvents, chemicals and water. Films adhere well to properly prepared surfaces and in general, are more flexible.

SURFACE PREPARATION

The surface to be painted must be dry, thoroughly free from oil, grease, rust, loose particles and other contaminants in order to ensure good adhesion of the paint. The cleaned surface must be primed before applying or coating with Marine Epoxy Paint. To smooth surface imperfections, use Magna Prime Epoxy Adhesives before applying Marine Epoxy Paint.

APPLICATION

Add one (1) part Epoxy Catalyst to three (3) parts Marine Epoxy Paint base. Let it stand for thirty (30) minutes before application. Prepare sufficient quantity of Epoxy Paint- Catalyst combination good for 2-3 hours use, as this solution has limited pot life. Use an Epoxy Reducer to thin down to spray viscosity.

CAUTION - FLAMMABLE!

Keep away from heat and open flame. Use with adequate ventilation. Avoid prolonged contact with skin. Wash hands thoroughly after handling and before eating or smoking. Keep container tightly covered.

HEALTH AND SAFETY

Read material safety data sheet before use. Safety precautions must be strictly followed during storage, handling and use.

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep solvent vapor concentrations within safe limits and to protect against toxic hazards.

Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.



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STORAGE

The shelflife for **MARINE EPOXY PAINT** in unopened and undamaged packaging is 24 months. The product must be kept unopened and store under cool condition to prevent surface evaporation and should be protected from direct sunlight.

PACKAGING

4 liter-set / 4 per box

1 liter-set / 12 per box