



PRODUCT DATA SHEET

EP-GLUE

KOSSAN MARINE EPOXY GLUE

DESCRIPTION

EP-GLUE is a High performance marine and general purpose epoxy resin based adhesive. Thixotropic for both gaps filling close contact joints. Offer non staining glue line when cured. It also provides excellent resistance to sea-water. This product is suitable for wooden, GRP, metals and concrete surfaces.

USES

- ❑ High strength gaps filling for wooden boat hull and nails hole filling preventing from corrosion.
- ❑ Repair and filling for Wooden, GRP, Steel and Concrete surfaces

COLOUR

Part A : White Paste & Part B : Light Amber

PHYSICAL PROPERTIES

Binder	: Epoxy Resin
Pigmentation	: N/A
Specific Gravity	: 1.07±0.02 kg/L.
Mixing Ratio (Part A/Part B)	: 2/1 by volume.
Volume Solids	: 100%.
Stability	: Indefinite
Full Cured	: 5 days
Recoating Time	: 12 hours
Self-life	: >12 Months
Clamping Time	: 24 hours at 20 °C ; 12 hours at 30°C (Based on mean temperature of substrates)
Pot-life at (100gms)	: Approx. 60 minutes (at 20°C), 30 minutes (at 30°C). (Higher ambient temperature will shorter the pot-life)

KOSSAN PAINT (M) SDN.BHD

1 Jalan Koporat 1/KU 9, Taman Perindustrian Meru, 42200 Kapar, Selangor D.E Malaysia
Tel.603-33922799 ; Fax. 603-33923799 ; e-mail lsk@kossanpaint.com.my

SUBSTRATE PREPARATION

- ❑ Metal surfaces should be roughened or preferably grids or sand blast to Sa 2.5, Timber should be thoroughly sanded and chamfered to both edges at 45° angle is preferred . Concrete surfaces should be scabbed, wire brushed and wash with clean water and allowed to dry thoroughly before application.
- ❑ Removed dust, dirt, grease and others contaminants prior to application.

MIXING / APPLICATION

- ❑ Mixed Part A and Part B according to the ratio (2:1 by volume) than mixed thoroughly until colour is uniform and homogenous mixture.
- ❑ This product is designed for application by spatula, putty knife or trowel. Use paper tape along the both sides of the gaps to obtain good strength filling it is recommended to fill the gaps properly by squeeze the glue into the gap till it is full and remove excessive glue by scraper. Remove the paper tape along the both side immediately after the gap is filled. It is recommended to roughen the surface if over coating is required.
- ❑ Clean all equipment immediately after used with KOSSAN Epoxy Thinner 6.03.
- ❑ Coverage : Very much depending on the gaps to be filled.
- ❑ Dilution : Not Recommended
- ❑ Cleaning Thinner : Epoxy Thinner 6.03.

PACKAGING

Packing Size : 175gm/set ; 300gm/set ; 385gm/set ; 550gm/set ; 1.00kg/set ; 1.57kg/set ; 3.15kg/set and 6.30kg/set.

STORAGE

EP GLUE has a minimum self-life of 12 months at cool and dry place.

HEALTH & SAFETY

Kossan Marine Epoxy Glue contains epoxy resin & polyamide which may cause skin sensitization in certain individuals. Handle with care & used disposable rubber gloves during works. Skin & eyes contact should be avoid, Spillage on the skin should be immediately removed by clean cloths and thorough washing with lukewarm, water and soap.

DISCLAIMER

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factor affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product data without notice.

KOSSAN PAINT (M) SDN.BHD

1 Jalan Koporat 1/KU 9, Taman Perindustrian Meru, 42200 Kapar, Selangor D.E Malaysia
Tel.603-33922799 ; Fax. 603-33923799 ; e-mail lsk@kossanpaint.com.my