



## PRODUCT DATA SHEET

### KOSSAN UNIFILLER

(UNIVERSAL EPOXY FILLER/PUTTY/FAIRING COMPOUND)

#### DESCRIPTION

KOSSAN UNIFILLER Is a high performance solvent free two-pack epoxy compound for filling, repair and fairing works, it provides excellent soft anti slump properties, offers easy application and sanding properties. This product has high compressive strengths, cured with negligible shrinkage and resistant to chemicals.

#### USES

- Suitable for woods, fiberglass, composite materials, concrete, carbon steel and aluminium surface.
- Suitable to use for repair all surface cracks, holes, gaps filling.
- Suitable for boat fairing and surface repair works.
- Suitable for above water and underwater immersion when fully cured.

#### COLOUR

Part A : White Paste & Part B : Light Greyish Paste

#### PHYSICAL PROPERTIES

Binder	: Epoxy Resin
Specific Gravity (Mixed)	: 1.72 ± 0.02 kg/L.
Mixing Ratio (A/B)	: 1/1 by volume.
Volume Solids	: 100%.
Pot-life at (150gms)	: Approx. 1½ - 2 hours (at 30°C).
Tack Free Time	: 2 hours (depend on temperature).
Curing Time to Sand	: 4 hours (depend on temperature).
Initial Cured	: 24 hours
Full Cured	: 5-7 days (depend on temperature)
Recoating Time	: Min.8 hours (Higher ambient temperature will shorter the pot-life)
Stability	: Indefinite

### 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 [sales@kossanpaint.com.my](mailto:sales@kossanpaint.com.my)

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## SUBSTRATE PREPARATION

- ❑ Metal surfaces should be roughened or preferably grids or sand blast to Sa 2.5, Composite should be sanded and 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.
- ❑ Thoroughly clean surfaces to remove all traces of surface laitance, waxes, oil, grease, loose material, marine growth, rust, scale, dust, debris and other contaminants.

## MIXING / APPLICATION

- ❑ Mixed Part A and Part B according to the ratio (1:1 by volume) than mixed thoroughly until colour is uniform and homogenous mixture. Avoids to use the same spatula, putty knife or wooden stick to take out the product from part A and part B this may cause contamination and results in hardening of the remaining product.
- ❑ 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 filler into the gap till it is full and remove excessive filler by scraper. Remove the paper tape along the both sides 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, cured filler can be removed mechanically.
- ❑ Coverage : Depend on the thickness and gaps size to be filled.
- ❑ Dilution : Not Recommended
- ❑ Cleaning Thinner : Epoxy Thinner 6.03.

## PACKAGING

Packing Size : 0.80L-Set (1.37kg) ;	1.80L-Set (3.10kg) ;	5.50L-Set (9.45kg)
A : 0.40L (0.65kg)	A : 0.90L (1.50kg)	A : 2.75L (4.50kg)
B : 0.40L (0.72kg)	B : 0.90L (1.60kg)	B : 2.75L (4.95kg)

## STORAGE

KOSSAN UNIFILLER has a minimum self-life of 24 months at cool and dry place.

## HEALTH & SAFETY

KOSSAN UNIFILLER 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 avoided, Spillage on the skin should be immediately removed by clean cloths and thorough washing with lukewarm, water and soap.

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## **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.

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